



Enduring Resources

475 17th Street Suite 1500 Denver Colorado 80202
Telephone 303 573-1222 Fax 303 573 0461

June 6, 2006

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC
Hanging Rock 11-23-24-36
SE-SW 36-11S-23E
State Lease: ML-50085
Uintah County, Utah

Dear Ms. Whitney:

Enclosed are two original applications to drill concerning the above-referenced proposed well. This information was also submitted to SITLA.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

ENDURING RESOURCES, LLC

Alvin R. (Al) Arlian
Landman-Regulatory Specialist

ara
Enclosures:

cc: SITLA w/ attachments

RECEIVED

JUN 12 2006

DIV. OF OIL, GAS & MINING

FORM 3

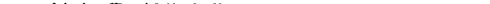
AMENDED REPORT ☐
(highlight changes)

24. **PROPOSED CASING AND CEMENTING PROGRAM**

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist

SIGNATURE  DATE 6/6/2006

(This space for State use only)

API NUMBER ASSIGNED:

43-047-38278

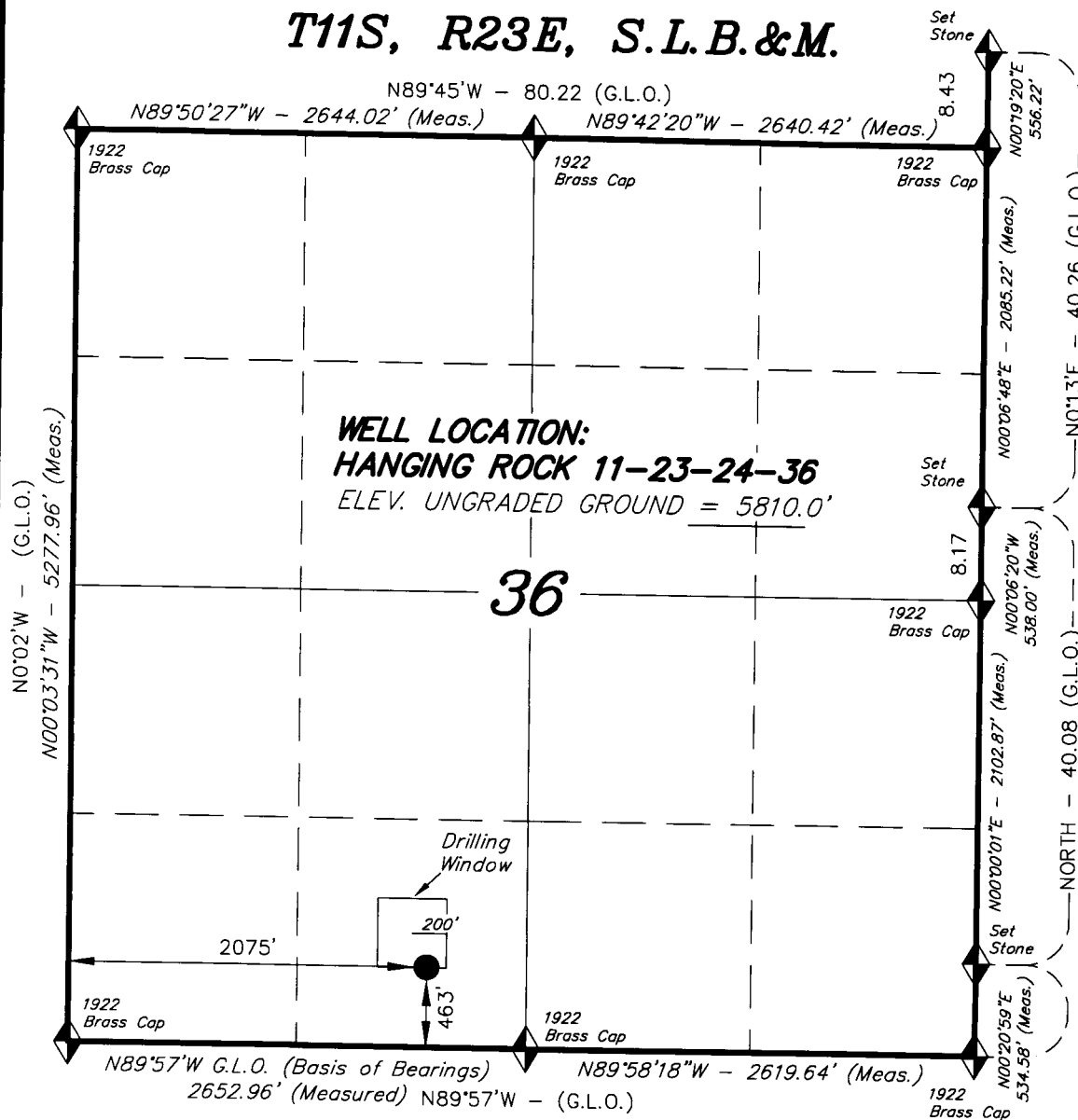
Approved by the
 Division of
 Oil and Mining

Date: 07-27-06
By: [Signature]

RECEIVED
JUN 12 2006

DIV. OF OIL, GAS & MINING

T11S, R23E, S.L.B.&M.



WELL LOCATION:
HANGING ROCK 11-23-24-36
 ELEV. UNGRADED GROUND = 5810.0'

36

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min
 QUAD (ARCHY BENCH SE)

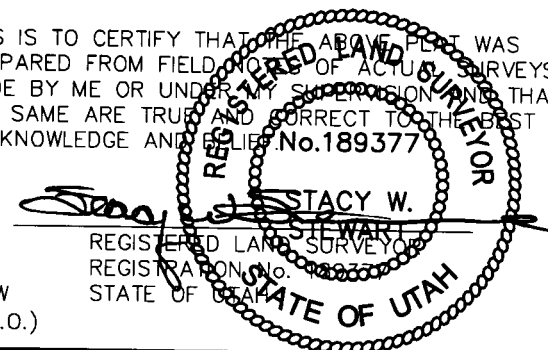
HANGING ROCK 11-23-24-36
 (Surface Location) NAD 83
 LATITUDE = 39° 48' 39.51"
 LONGITUDE = 109° 17' 37.30"

ENDURING RESOURCES

WELL LOCATION, HANGING ROCK
 11-23-24-36, LOCATED AS SHOWN IN
 THE SE 1/4 SW 1/4 OF SECTION 36,
 T11S, R23E, S.L.B.&M. UINTAH COUNTY,
 UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377



N0°03'W
 8.09 (G.L.O.)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE DRAWN: 05-25-06	SURVEYED BY: K.G.S.	SHEET 2 OF 10
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-50085		6. SURFACE: State	
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:			
2. NAME OF OPERATOR: Enduring Resources, LLC				9. WELL NAME and NUMBER: Hanging Rock 11-23-24-36			
3. ADDRESS OF OPERATOR: 475 17th St., Ste 1500 CITY: Denver STATE: CO ZIP: 80220				PHONE NUMBER: (303) 350-5114		10. FIELD AND POOL, OR WILDCAT: Undesignated	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 463' FSL - 2075' FWL AT PROPOSED PRODUCING ZONE: Same				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 11S 23E			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 26.8 South of Bonanza, UT				12. COUNTY: Uintah		13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 463'		16. NUMBER OF ACRES IN LEASE: 640		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 acres			
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 1000' +		19. PROPOSED DEPTH: 6,445		20. BOND DESCRIPTION: RLB0008031			
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): ' 5826 RT-KB		22. APPROXIMATE DATE WORK WILL START: 8/1/2006		23. ESTIMATED DURATION: 20 days			

PROPOSED CASING AND CEMENTING PROGRAM


SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	14" line pipe	40	3 yards	Ready Mix		
11"	8-5/8" J-55 24#	2,000	Premium Lead	183 sxs	3.50	11.1
			Premium Tail	183 sxs	1.15	15.8
7-7/8"	4-1/2" N-80 11.6#	6,445	Class G	38 sxs	3.3	11.0
			50/50 Poz Class G	788 sxs	1.56	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/>	WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/>	COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/>	EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/>	FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist

SIGNATURE  DATE 6/6/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-047-38278

APPROVAL:

RECEIVED
JUN 12 2006

DIV. OF OIL, GAS & MINING

ENDURING RESOURCES

WELL LOCATION, HANGING ROCK
11-23-24-36, LOCATED AS SHOWN IN
THE SE 1/4 SW 1/4 OF SECTION 36,
T11S, R23E, S.L.B.&M. UTAH COUNTY,
UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STILWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 42207
STATE OF TEXAS

NO°03'W
8.09 (G.L.O.)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE DRAWN:
05-25-06

SURVEYED BY: K.G.S.

REVISÉ:

DRAWN BY: F.T.M.

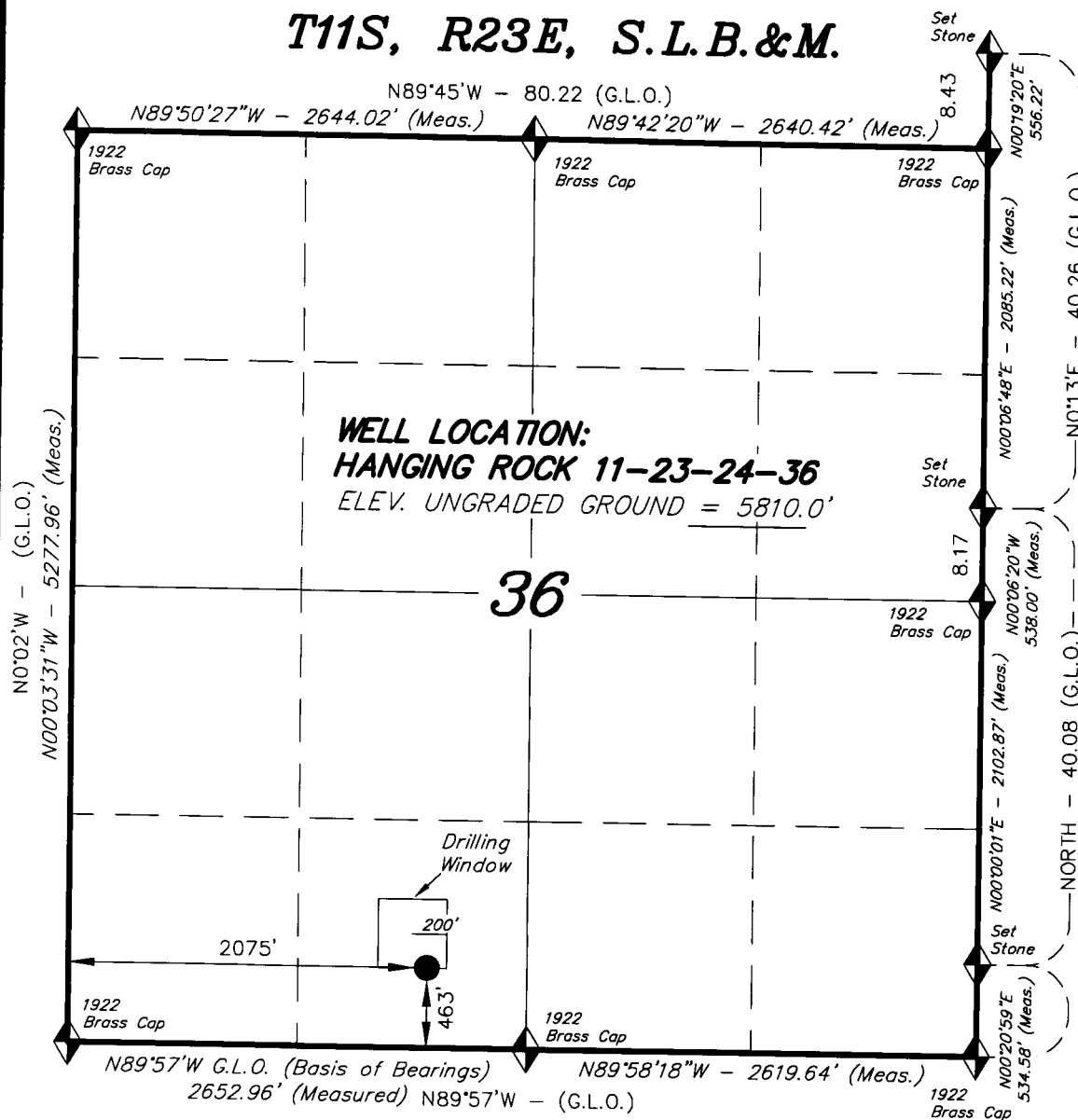
NOTES:

SCALE: 1" = 1000'

SHEET

2

OF 10



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min
QUAD (ARCHY BENCH SE)

HANGING ROCK 11-23-24-36
(Surface Location) NAD 83
LATITUDE = 39° 48' 39.51"
LONGITUDE = 109° 17' 37.30"

**Enduring Resources, LLC
Hanging Rock 11-23-24-36
SE-SW 36-11S-23E
Uintah County, Utah
State Lease: ML-50085**

ONSHORE ORDER 1 - DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	26
Wasatch	2526
Mesaverde	4034

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5826'	
Oil / Gas	Green River	26
Oil /Gas	Wasatch	2526
Oil /Gas	Mesaverde	4034
	Estimated TD	6445

A 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 6445' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
6445' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.90 (d)	7780/2.53 (e)	223/3.47(f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus,
no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂+0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
4-1/2"	Lead	410	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	38	25	11.0	3.3
4-1/2"	Tail	4319	50/50 POZ Class G + 2% gel + 1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	788	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. **Drilling Fluids (mud) Program:**

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' - 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-6445' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. **Evaluation Program:**

Tests: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

Logging

- Dual Induction – SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML
TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. **Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 3,351 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 1,934 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. **Anticipated Starting Dates:**

- Anticipated Commencement Date- Within one year of APD issue.
- Drilling Days- Approximately 10 days
- Completion Days - Approximately 10 days
- Anticipate location construction within 30 days of permit issue.

9. **Variances:**

None anticipated

10. **Other:**

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

Directions to the Hanging Rock 11-23-14-36 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading south on state highway 45 for a distance of approximately 5.7 miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed southwest for a distance of approximately 5.1 miles (3.2 + 1.9 as shown on Topo "A"). The road then turns to the west; proceed northwesterly along said road for a distance of approximately 3.7 miles. Said road then turns to the southwest; proceed southwesterly then westerly for a distance of approximately 3.2 miles where the road forks. Turn left and bear southerly along the Asphalt Wash road for a distance of 3.0 miles where the road forks near a landing strip. Stay right, and continue south along the West Fork road for a distance of approximately 6.1 miles to the proposed access for the Hanging Rock 11-23-14-36 well pad. Turn left onto proposed access and continue west for approximately 40' to the proposed Hanging Rock 11-23-14-36 well pad.

Enduring Resources, LLC

Hanging Rock 11-23-24-36

SE-SW 36-11S-23E

Uintah County, Utah

State Lease: ML-50085

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the Hanging Rock 11-23-24-36 Well Pad

Beginning at the city of Bonanza, Utah. Leave the city of Bonanza heading south on state highway 45 for a distance of approximately 5.7 miles where there is a turn-off to the right. Turn right, leaving state highway 45, and proceed southwest for a distance of approximately 5.1 miles (3.2 + 1.9 as shown on Topo "A"). The road then turns to the west; proceed northwesterly along said road for a distance of approximately 3.7 miles. Said road then turns to the southwest; proceed southwesterly then westerly for a distance of approximately 3.2 miles where the road forks. Turn left and bear southerly along the Asphalt Wash road for a distance of 3.0 miles where the road forks near a landing strip. Stay right, and continue south along the West Fork road for a distance of approximately 6.1 miles to the proposed access for the Hanging Rock 11-23-24-36 well pad. Turn left onto proposed access and continue easterly for approximately 1,370' (\pm 0.3 miles) to the proposed Hanging Rock 11-23-24-36 well pad.

2. Planned Access Roads:

The proposed access road will be approximately 1,370 feet of new construction all on-lease. All off-lease access is on an existing county road (Asphalt Wash Road #4160).

ALL NEW CONSTRUCTION IS ON SITLA LANDS.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

- | | | |
|----|-------|--|
| a. | None: | Water Wells: |
| b. | None: | Injection Wells: |
| c. | None: | Producing Wells: |
| d. | None: | Drilling Wells: |
| e. | None: | Shut-in Wells: |
| f. | None: | Temporarily Abandoned Wells: |
| g. | None: | Disposal Wells: |
| h. | None: | Abandoned Wells: |
| i. | None: | Dry Holes: |
| j. | None: | Observation Wells: |
| k. | (9): | Pending (staked) Wells: |
| | | i. Enduring has nine other wells staked in this section. |

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be designated by DOG&M and SITLA. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline for this well will be:

1,370'	Surface Pipeline	On-Lease	SITLA
-0-	Surface Pipeline	Off-Lease	n/a

If this well is capable of economic production, a 4" (or less) steel surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 1,370 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road to tie-in to a steel surface pipeline that is located next to the county road.

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6 Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser

facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit **and** that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the DOG&M and/or SITLA.

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: SITLA

Access: SITLA

Pipeline: SITLA

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site will be scheduled by SITLA and DOG&M.

Special Conditions of Approval:

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Surface Gathering Pipeline shall be 4" or less

Archeology:

- a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

- a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

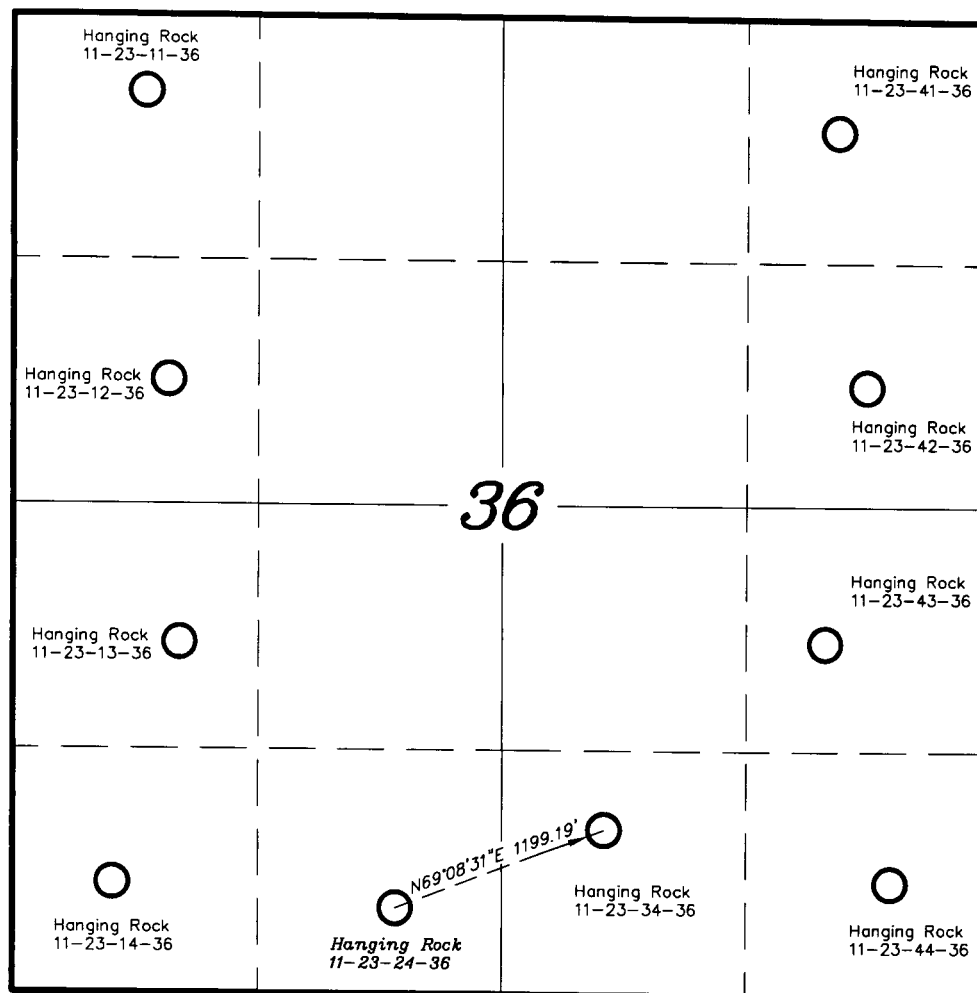
If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

13, Lessee's or Operator's Representatives:**Representatives:**

Alvin R. (Al) Arlian
Landman – Regulatory Specialist
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-350-5114
Fax Tel: 303-573-0461
aarlian@enduringresources.com

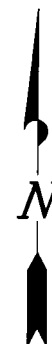
Teme Singleton
Drilling Engineer
Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, Colorado 80202
Office Tel: 303-573-5711
Fax Tel: 303-573-0461
tsingleton@enduringresources.com

T11S, R23E, S.L.B.&M.



ENDURING RESOURCES

SECTION DRILLING MAP
Hanging Rock 11-23-24-36



LEGEND

- = Vertical Well
- ⊙ = Directional Well (Bottom Hole)

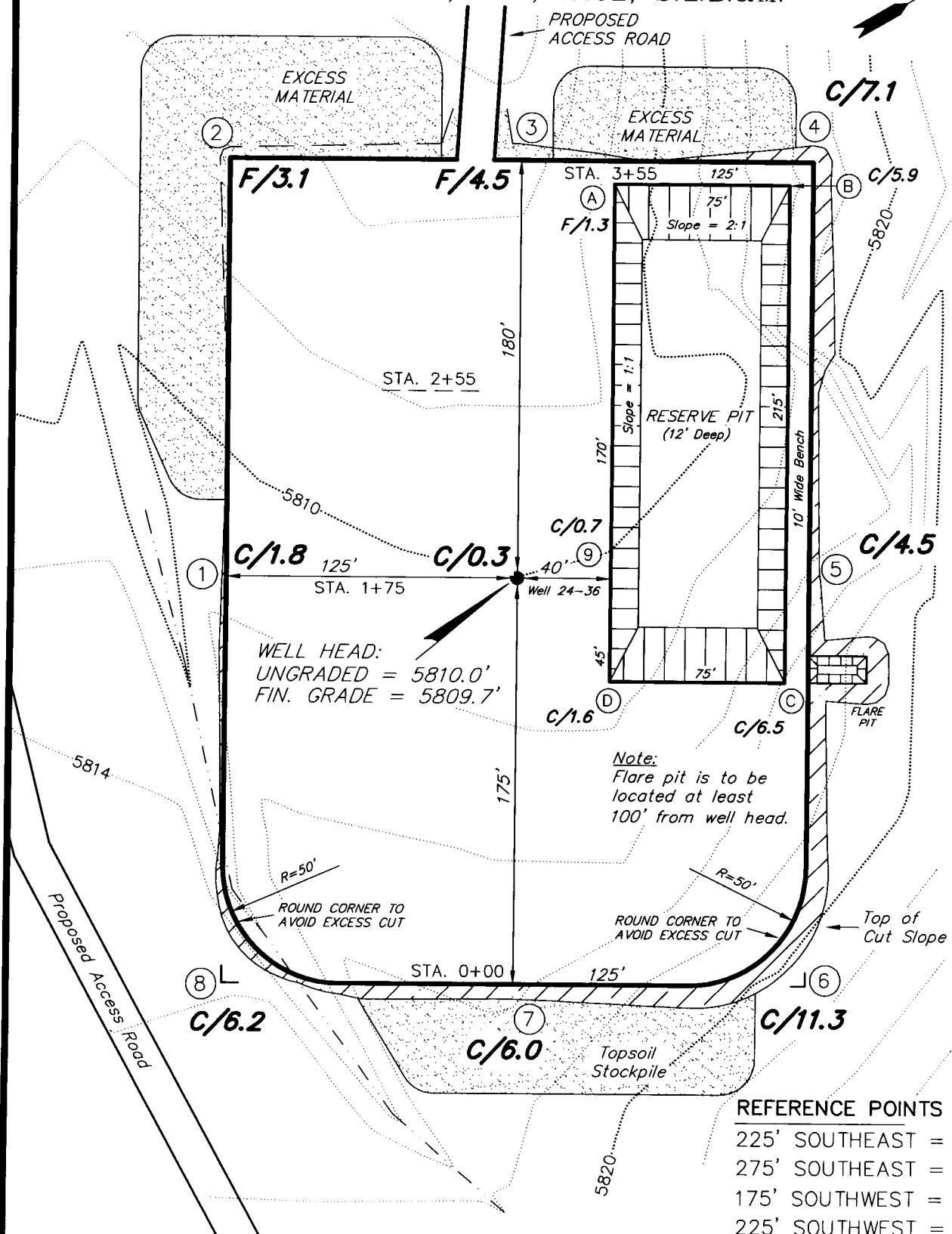
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. — VERNAL, UTAH 84078
(435) 781-2501

DATE DRAWN: 05-25-06	SURVEYED BY: K.G.S.	SHEET 1 OF 10
REVISED:	DRAWN BY: F.T.M.	
NOTES:	SCALE: 1" = 1000'	

ENDURING RESOURCES

HANGING ROCK 11-23-24-36
Section 36, T11S, R23E, S.L.B.&M.

PREVAILING WIND



REFERENCE POINTS

225' SOUTHEAST = 5817.5'
275' SOUTHEAST = 5818.2'
175' SOUTHWEST = 5812.2'
225' SOUTHWEST = 5812.1'

SURVEYED BY: K.G.S. DATE DRAWN: 05-26-06
DRAWN BY: F.T.M. SCALE: 1" = 60'
NOTES:

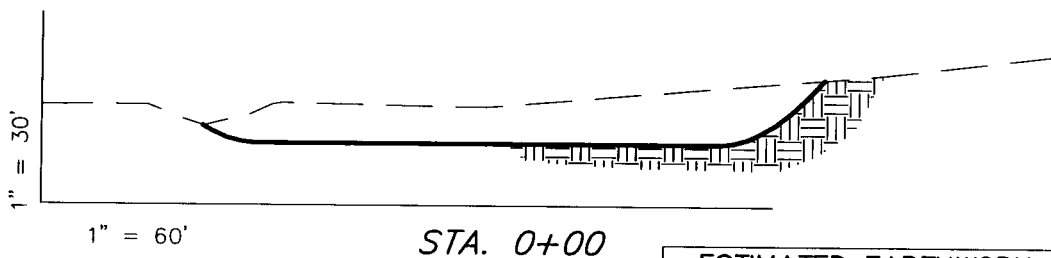
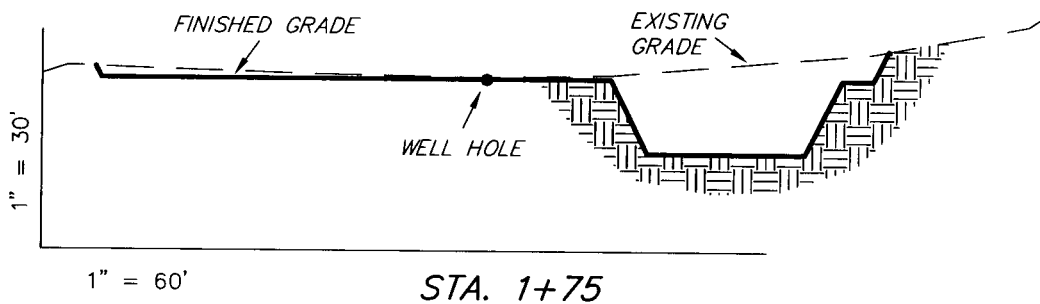
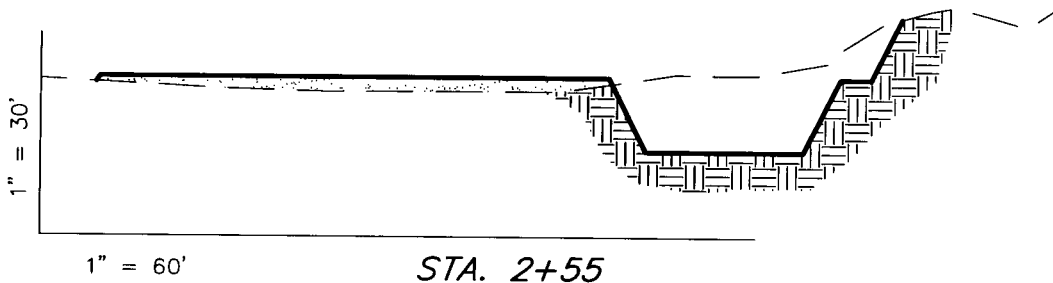
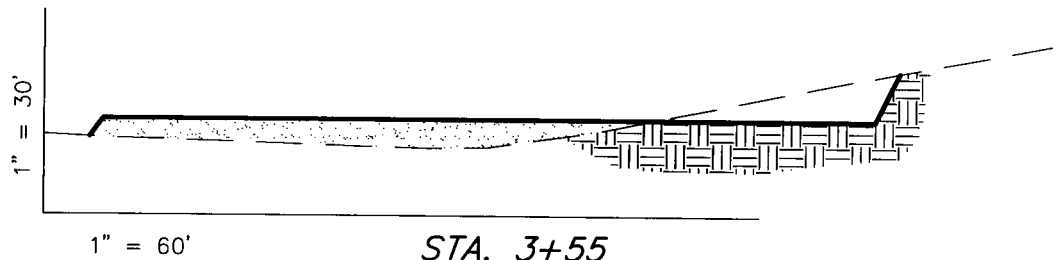
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Land Surveying, Inc.
(435) 781-2501
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SHEET
3
OF 10

ENDURING RESOURCES

CROSS SECTIONS

HANGING ROCK 11-23-24-36



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	9,030	2,470	Topsoil is not included in Pad Cut	6,560
PIT	5,390	0		5,390
TOTALS	14,420	2,470	1,750	11,950

SURVEYED BY: K.G.S. DATE DRAWN: 05-26-06

DRAWN BY: F.T.M. SCALE: 1" = 60'

NOTES:

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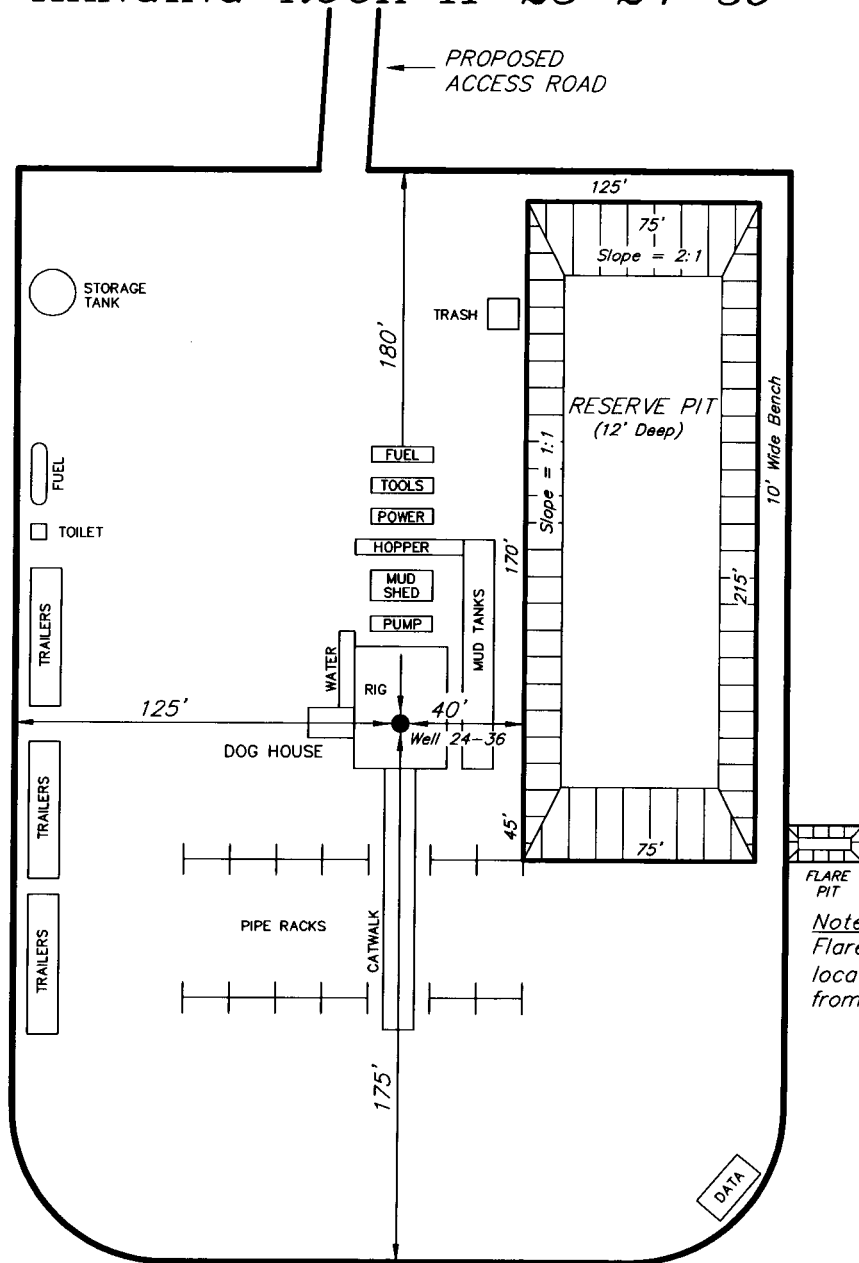
(435) 781-2501

SHEET
4
OF 10

ENDURING RESOURCES

TYPICAL RIG LAYOUT

HANGING ROCK 11-23-24-36



Note:
Flare pit is to be located at least 100' from well head.

SURVEYED BY: K.G.S. DATE DRAWN: 05-26-06
 DRAWN BY: F.T.M. SCALE: 1" = 60'
 NOTES:

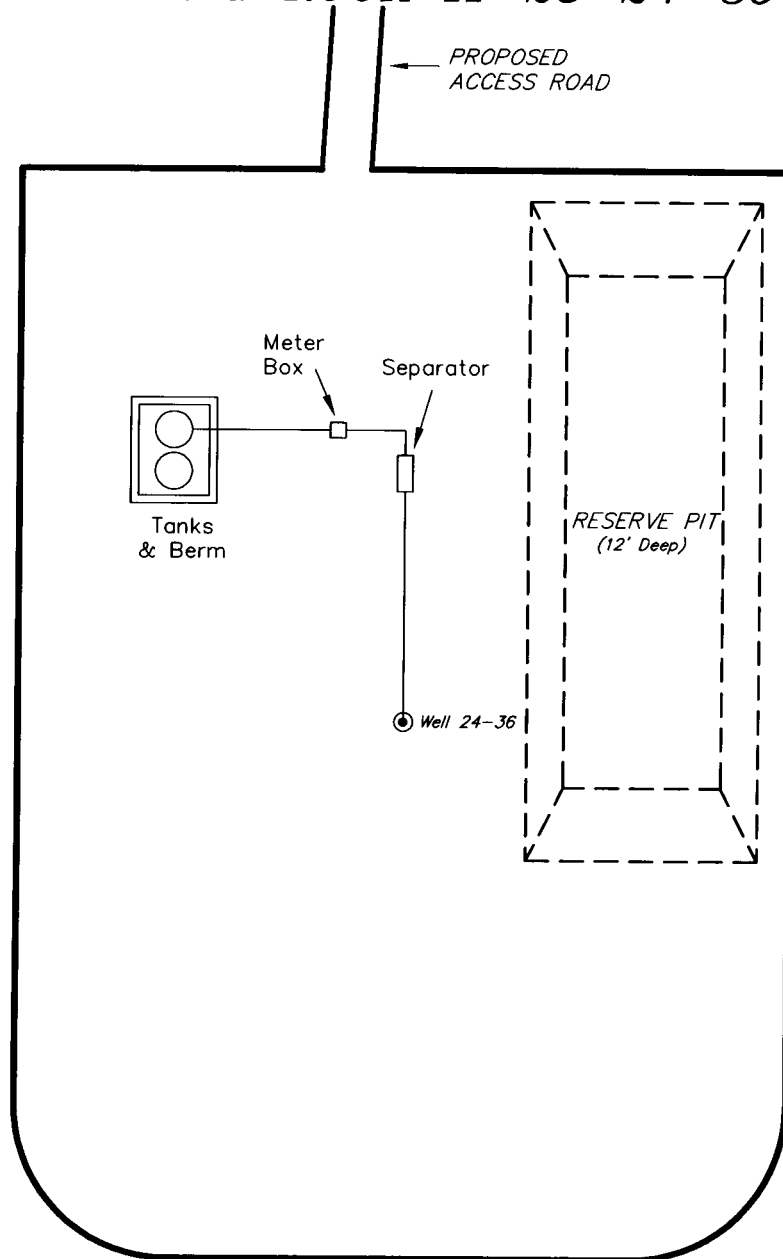
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 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078 (435) 781-2501

SHEET
5
 OF 10

ENDURING RESOURCES

PRODUCTION SCHEMATIC

HANGING ROCK 11-23-24-36



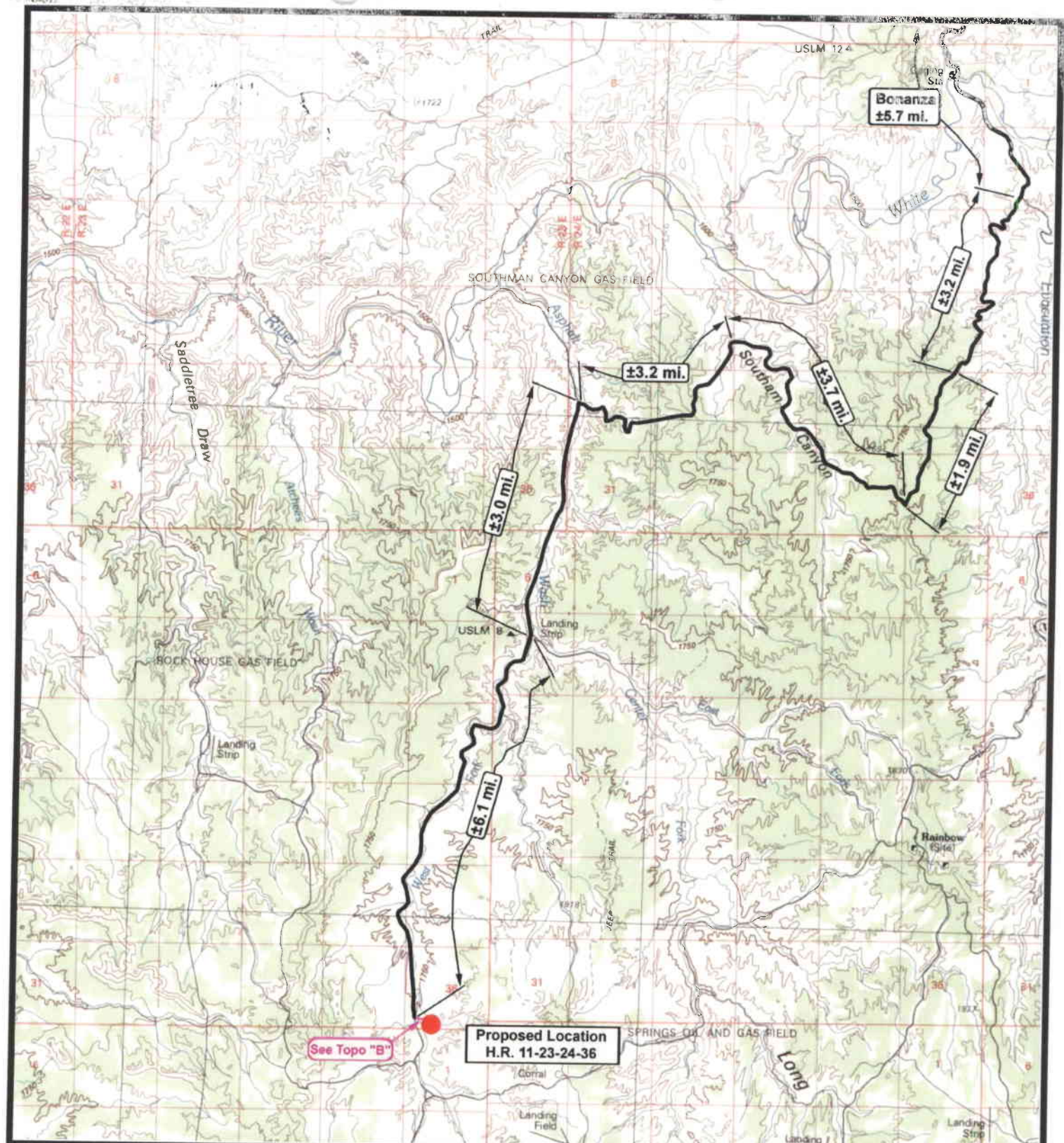
FLARE
PIT

Note:
Flare pit is to be
located at least
100' from well head.

SURVEYED BY: K.G.S. DATE DRAWN: 05-26-06
DRAWN BY: F.T.M. SCALE: 1" = 60'
NOTES:

Tri State (435) 781-2501
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SHEET
6
OF 10



ENDURING RESOURCES

Hanging Rock 11-23-24-36
Sec. 36, T11S, R23E, S.L.B.&M.

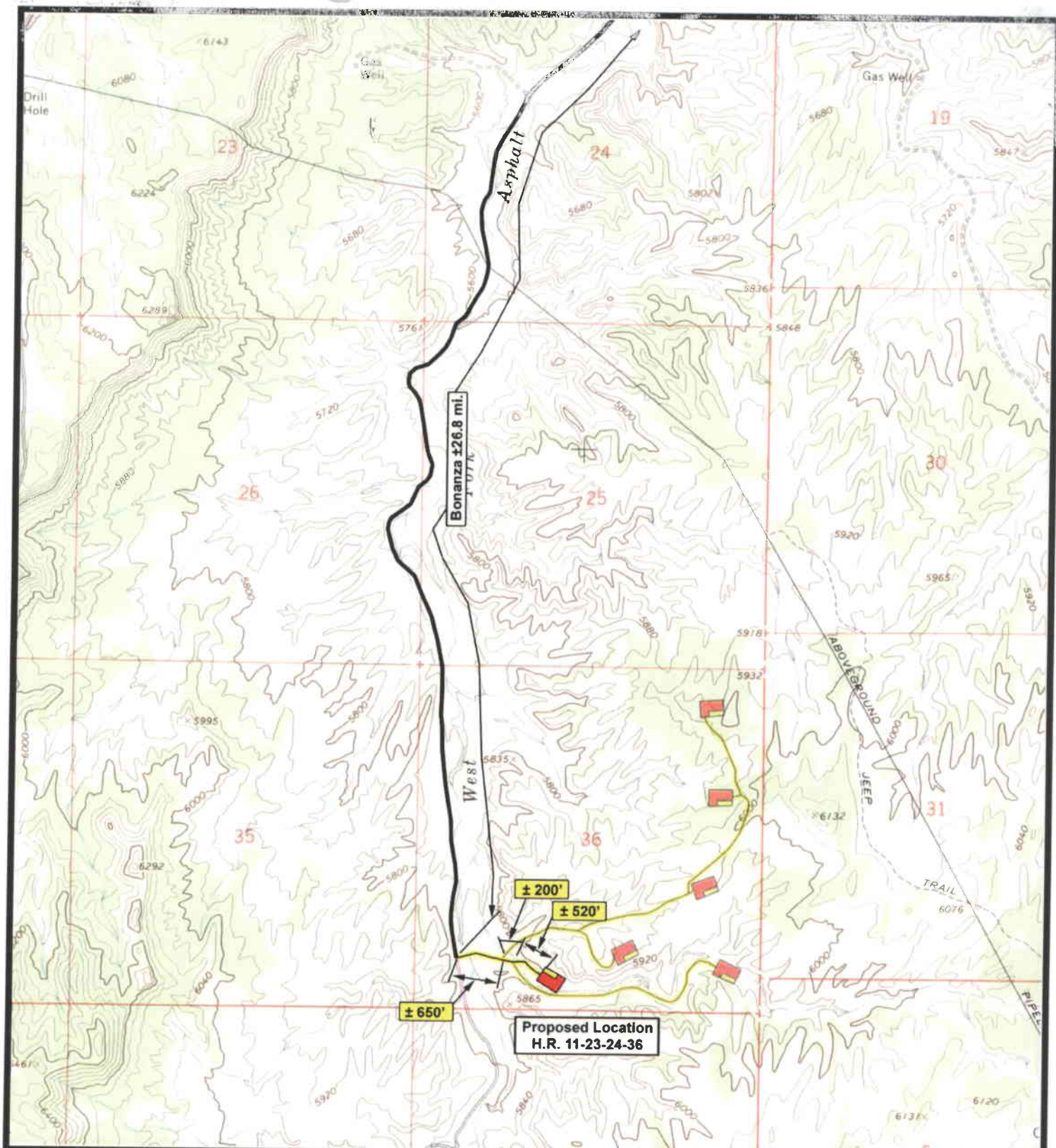


Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: mw
DATE: 05-30-2006

Legend
 — Existing Road
 — Proposed Access

TOPOGRAPHIC MAP
"A"
SHEET 7 OF 10



ENDURING RESOURCES

**Hanging Rock 11-23-24-36
Sec. 36, T11S, R23E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 05-30-2006

Legend

Existing Road
 Proposed Access

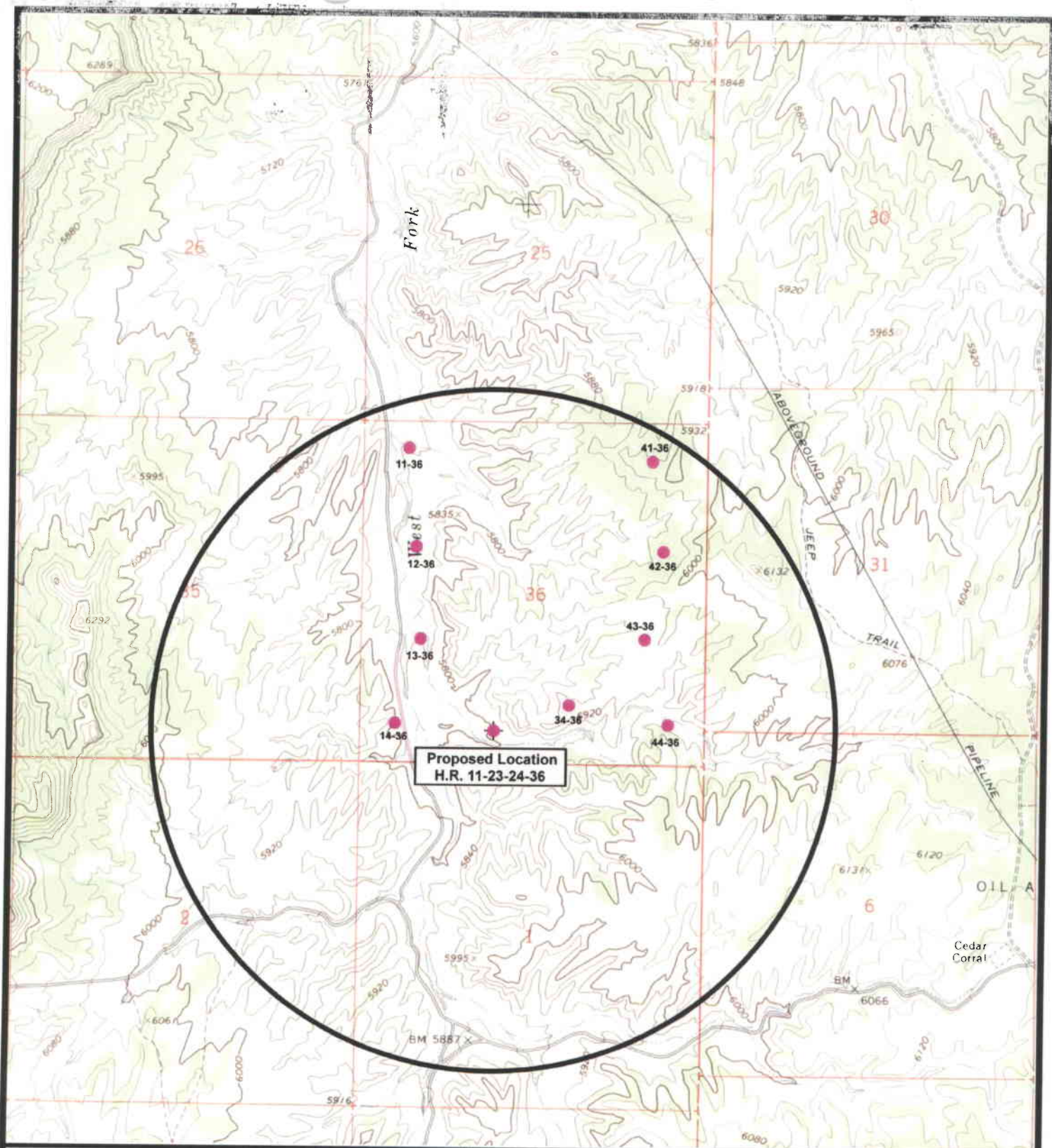
TOPOGRAPHIC MAP

"B"

SHEET

8

OF 10



ENDURING RESOURCES

**Hanging Rock 11-23-24-36
Sec. 36, T11S, R23E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-30-2006

Legend

- Location
- One-Mile Radius

TOPOGRAPHIC MAP

"C"

SHEET

**9
OF 10**



ENDURING RESOURCES

Hanging Rock 11-23-24-36
Sec. 36, T11S, R23E, S.L.B.&M.



180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 05-30-2006

Legend

Roads





































TOPOGRAPHIC MAP

"D"

SHEET

10

OF 10



CENTER STAKE


ENDURING RESOURCES
H.R. 11-23-24-36

Date Photographed: 05/12/2006
Date Drawn: 05/30/2006
Drawn By: mw


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078



NORTH


ENDURING RESOURCES

H.R. 11-23-24-36

Date Photographed: 05/12/2006

Date Drawn: 05/30/2006

Drawn By: mw


**Tri-State
Land Surveying Inc.**
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

EAST





SOUTH


ENDURING RESOURCES
H.R. 11-23-24-36

Date Photographed: 05/12/2006
 Date Drawn: 05/30/2006
 Drawn By: mw

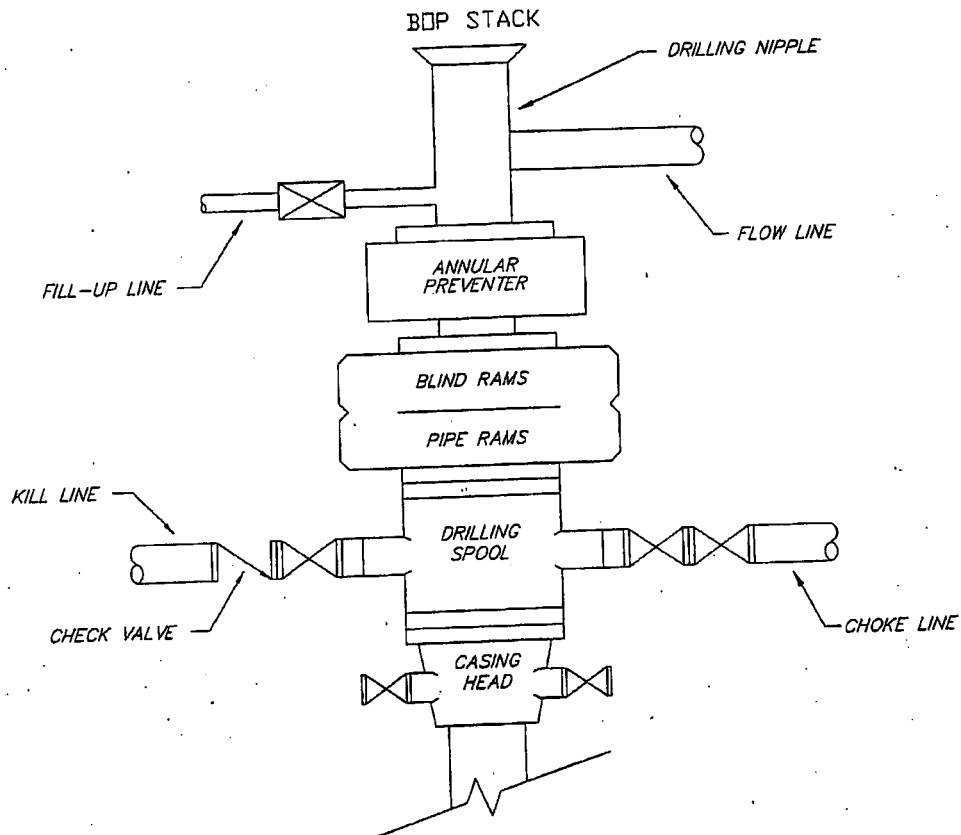

Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

WEST

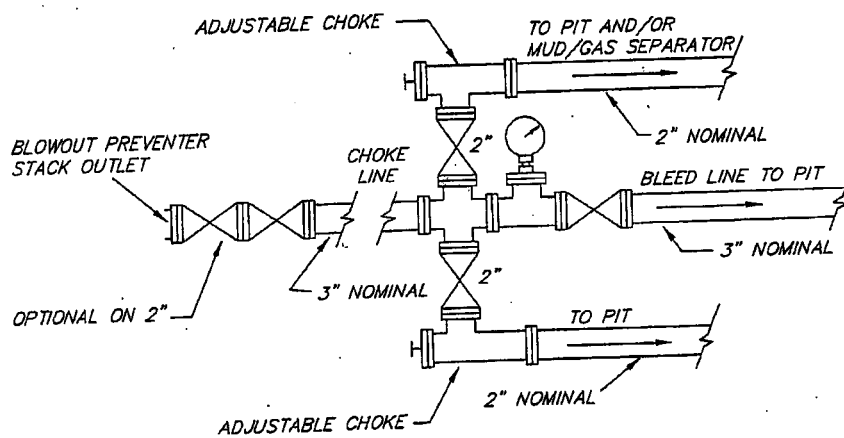


ENDURING RESOURCES, LLC

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/12/2006

API NO. ASSIGNED: 43-047-38278

WELL NAME: HANGING ROCK 11-23-24-36

OPERATOR: ENDURING RESOURCES, LLC (N2750)

CONTACT: AL ARLIAN

PHONE NUMBER: 303-350-5114

PROPOSED LOCATION:

SESW 36 110S 230E

SURFACE: 0463 FSL 2075 FWL

BOTTOM: 0463 FSL 2075 FWL

COUNTY: UINTAH

LATITUDE: 39.81097 LONGITUDE: -109.2930

UTM SURF EASTINGS: 646115 NORTHINGS: 4407962

FIELD NAME: OIL SPRINGS (635)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	D&J	7/20/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-50085

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. RLB0008031)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 49-2215)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
____ R649-3-3. Exception
____ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
____ R649-3-11. Directional Drill

COMMENTS: Needs Permit (06-22-06)

STIPULATIONS: 1- Spacing Wpt

2- STATEMENT OF BASIS

3- Surface Csg Cont St.P

HANGING ROCK
FED H 25-13

T11S R24E

T11S R23E

HANGING ROCK
H-23-11-36

HANGING ROCK
H-23-41-36

HANGING ROCK H-23-42-36
HANGING ROCK H-23-12-36

HANGING ROCK
H-23-13-36

HANGING ROCK
H-23-43-36

OIL SPRINGS FIELD

HANGING ROCK
H-23-34-36

HANGING ROCK
H-23-14-36

HANGING ROCK
H-23-24-36

HANGING ROCK
H-23-44-36

T12S R24E

T12S R23E

OPERATOR: ENDURING RES LLC (N2750)

SEC: 36 T. 11S R. 23E

FIELD: OIL SPRINGS (635)

COUNTY: UINTAH

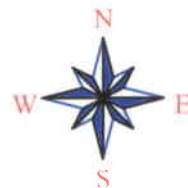
SPACING: R649-3-2 / GENERAL SITING

Field Status
ABANDONED
ACTIVE
COMBINED
INACTIVE
PROPOSED
STORAGE
TERMINATED

Unit Status
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PENDING
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Wells Status

GAS INJECTION
GAS STORAGE
LOCATION ABANDONED
NEW LOCATION
PLUGGED & ABANDONED
PRODUCING GAS
PRODUCING OIL
SHUT-IN GAS
SHUT-IN OIL
TEMP. ABANDONED
TEST WELL
WATER INJECTION
WATER SUPPLY
WATER DISPOSAL
DRILLING



PREPARED BY: DIANA WHITNEY
DATE: 20-JUNE-2006

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: ENDURING RESOURCES, LLC
WELL NAME & NUMBER: Hanging Rock 11-23-24-36
API NUMBER: 43-047-38278
LOCATION: 1/4,1/4 SE/SW Sec: 36 TWP: 11S RNG: 23E; 463' FSL 2075' FWL

Geology/Ground Water:

Enduring proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 2,800 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta/Green River Formation transition. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The Green River Formation is made up of interbedded limestones, shales and sandstones. Fresh water aquifers can be found in the Green River Formation and should be protected. The proposed surface casing should adequately protect any potentially useable aquifers. Production casing cement should be brought up above the base of the moderately saline ground water.

Reviewer: Brad Hill **Date:** 07-03-06

Surface:

The pre-drill investigation of the surface was performed on June 22, 2006. The State of Utah (SITLA) owns both the surface and minerals of this location. Mr. Jim Davis of SITLA and Mr. Ben Williams of the Utah Division of Wildlife Resources were invited to the pre-site on 06/19/06. Both attended. Douglas Hammond represented Enduring Resources. The proposed Hanging Rock 11-23-24-36 well lies in a relatively flat side drainage east of the main drainage of West Fork of Asphalt Wash. To reach the location, approximately 1370 feet of road will be constructed utilizing two low water crossings. This road will also serve as a portion of the access to other wells planned to the east and north in this section. Immediately north of the location is a low ridge with exposed sandstone cliffs. The White River is approximately 10 miles down-drainage to the north. Mr. Williams of the UDWR stated the area is classified as high value winter habitat for both deer and elk. To reduce the disturbance to these species during this critical winter period, he recommended to Mr. Hammond and Mr. Davis a restriction period from November 15 to April 15th where no construction or drilling including work-over rigs occur. Mr. Williams also gave Mr. Hammond and Mr. Davis a copy of this evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed. The selected location appears to be the best site for constructing a pad and drilling and operating a well in the immediate area. No significant stability problems are anticipated.

Reviewer: Floyd Bartlett **Date:** 06/23/2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ENDURING RESOURCES, LLC
WELL NAME & NUMBER: Hanging Rock 11-23-24-36
API NUMBER: 43-047-38278
LEASE: ML-50085 **FIELD/UNIT:** Undesignated
LOCATION: 1/4,1/4 SE/SW Sec: 36 TWP: 11S RNG: 23E; 463' FSL 2075' FWL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): 0646120 E, 4407965 N **SURFACE OWNER:** State of Utah-SITLA

PARTICIPANTS

Floyd Bartlett (DOGM), Douglas Hammond (Enduring Resources), Larry Rowell (Ponderosa Oilfield Services), Jim Davis (SITLA), Ben Williams (UDWR), Chris Stewart and Cameron Stewart (TRI-State Land Surveying and Consulting)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The location is approximately 27 road miles south west of Bonanza Ut, and approximately 65 miles southeast of Vernal, UT. Access from Vernal, UT is by Utah State Highways and Uintah County roads to the Uintah County Kings Well and Wolf Den roads to where a new road 1,370 feet in length will be constructed east to the location.

Topography in the general area is broad canyon bottoms separated by frequently steep and often ledgey side-slopes, which top-out onto broad ridge tops. Frequent outwash plains and deposits occur along the sides of the major bottoms. West Fork of Asphalt Wash is a broad somewhat gentle alluvial wash, which is dry except for spring runoff and sometimes-intense summer rainstorms.

The proposed Hanging Rock 11-23-24-36 well lies in a relatively flat side drainage east of the main drainage of West Fork of Asphalt Wash. To reach the location, approximately 1370 feet of road will be constructed across two low water crossings. This road will also serve as part of the access to other wells planned to the east and north in this section. Immediately north of the location is a low ridge with exposed sandstone cliffs. The White River is approximately 10 miles down-drainage to the north.

SURFACE USE PLAN

CURRENT SURFACE USE: wildlife and domestic sheep grazing and hunting.

PROPOSED SURFACE DISTURBANCE: 1320 feet of new access road and construction of a well location 355'x 290' including the reserve pit, with the soil stockpile storage outside this area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Eight other wells are planned within this State section. See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling the well. It is planned to tie the pipeline in with the existing pipeline next to the road owned by Canyon. Approximate length will be 1320 feet.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS?
EXPLAIN: Unlikely. Oilfield activity is common in the area.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Big sage brush type with little under story. Cheat grass exists. Pronghorn, rodents, songbirds, raptors, elk, deer, bobcat, coyote.

SOIL TYPE AND CHARACTERISTICS: Light brown deep sandy loam with a few small surface rock.

EROSION/SEDIMENTATION/STABILITY: Light natural erosion is occurring on the site. No stability problems are anticipated with the construction and operation of the location.

PALEONTOLOGICAL POTENTIAL: Survey completed by I.P.C. on 06-13-06 and will be furnished for the file.

RESERVE PIT

CHARACTERISTICS: 170' by 75' and 12' deep. The reserve pit is planned in an area of cut on the north west corner of the location. No stabilization problems are expected.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Sensitivity score is 20 and a rating Level II. Doug Hammond said it would be lined with a 16 mil. liner.

SURFACE RESTORATION/RECLAMATION PLAN

As per landowner agreement with SITLA.

SURFACE AGREEMENT: SITLA

CULTURAL RESOURCES/ARCHAEOLOGY: A survey was completed by MOAC on 06-05-06 and will be furnished for the file.

OTHER OBSERVATIONS/COMMENTS

Ben Williams representing the UDWR and Jim Davis of SITLA were invited to the pre-site by e-mail on June 19th. Both were in attendance.

Mr. Williams stated the area is classified as high value winter habitat for both deer and elk. To reduce the disturbance to these species during this critical period, he recommended to Mr. Hammond and Mr. Davis a restriction period from November 15 to April 15th where no construction or drilling including work-over rigs occur. Mr. Williams also gave Mr. Hammond and Mr. Davis a copy of this evaluation and also a seed mix recommendation to be used when the reserve pit and location are reclaimed.

ATV's were used to access the site.

This pre-drill investigation was conducted on a hot sunny day.

ATTACHMENTS

Photos of site have been taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

06/22/2006 10:40 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Scheme
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>00</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 20 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

-06 Enduring Hanging Rock -23-24-36

Casing Schematic

Surface

TOC @
0.
de Green River

1485 TOC Tail

✓ w/4% Washout
*Surface St P

TOC @
1676.

Surface
2000. MD

2118 TOC Tail

2526 Washout

2800 Bmsol

✓ w/8% Washout

4034 Mesocera

8-5/8"
MW 8.4
Frac 19.3

BHP

$(.052)(6445)(9.8) = 3284$
Anticipate 3351

G_{cs}
 $(.12)(6445) = 773$

MASP = 2578

BOPE = 3,000 ✓

Sw = 2450
0
90% = 2065

Max pressure @ Surf Csg Shoe = 2374

✓ Test To 2065# (propose 1500)
(± 1200 psi surface press.)

✓ Adequate DCD 7/20/06

4-1/2"
MW 9.8

Production
6445. MD

Well name:	07-06 Enduring Hanging Rock 11-23-24-36	
Operator:	Enduring Resource, LLC	
String type:	Surface	Project ID: 43-047-38278
Location:	Uintah County	

Design parameters:
Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,748 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,445 ft
Next mud weight: 9.800 ppg
Next setting BHP: 3,281 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 2,000 ft
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	8.625	24.00	J-55	ST&C	2000	2000	7.972	96.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	2000	2950	1.48	42	244	5.82 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & Mining

Phone: 801-538-5280
FAX: 801-359-3940

Date: July 10, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

07-06 Enduring Hanging Rock 11-23-24-36Operator: **Enduring Resource, LLC**String type: **Production**

Project ID:

43-047-38278

Location: **Uintah County****Design parameters:****Collapse**Mud weight: 9.800 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 165 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 1,676 ft

BurstMax anticipated surface
pressure: 1,049 psi
Internal gradient: 0.346 psi/ft
Calculated BHP 3,281 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,501 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6445	4.5	11.60	N-80	LT&C	6445	6445	3.875	149.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3281	6350	1.935	3281	7780	2.37	64	223	3.49 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningPhone: 801-538-5280
FAX: 801-359-3940Date: July 10, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6445 ft, a mud weight of 9.8 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

July 27, 2006

Enduring Resources, LLC
475 17th Street, Suite 1500
Denver, CO 80202

Re: Hanging Rock 11-23-24-36 Well, 463' FSL, 2075' FWL, SE SW, Sec. 36,
T. 11 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38278.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Enduring Resources, LLC
Well Name & Number Hanging Rock 11-23-24-36
API Number: 43-047-38278
Lease: ML-50085

Location: SE SW **Sec.** 36 **T.** 11 South **R.** 23 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Surface casing shall be cemented to the surface.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1500 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Hanging Rock 11-23-24-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 463' FSL - 2075 FWL S.L.B. & M. COUNTY: Uintah		9. API NUMBER: 4304738278
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 11S 23E S STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Oil Springs

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/20/2007	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Decrease Surface Casing
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request change to approved APD.

It anticipated based on off set wells and mapping that the Trona Water, if encountered, will be at 1076' TVD. Therefore,

1. Request changing setting depth of 8-5/8" surface pipe from 2,000' to 1,300'.

- A. Surface casing cement shall be reduced, but shall still cover from surface to 1,300',
B. Production casing cement shall be increased so that cement shall come up inside the bottom of the surface pipe at least 300'.

2. No changes from the APD shall be made as to the type cement run.

RECEIVED

JUN 01 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 5/29/2007

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS & MINING



CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: ENDURING RESOURCES, LLC

Well Name: HANGING ROCK 11-23-24-36

Api No: 43-047-38278 Lease Type: STATE

Section 36 Township 11S Range 23E County UINTAH

Drilling Contractor PETE MARTIN DRLG RIG # RATHOLE

SPUDDED:

Date 07/09/07

Time 2:00 PM

How DRY

Drilling will Commence: _____

Reported by MERRILL ADAMS

Telephone # (435) 828-2470

Date 07/10/07 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Enduring Resources, LLC
Address: 475 17th Street, Suite 1500
city Denver
state CO zip 80202

Operator Account Number: N 2750Phone Number: (303) 350-5114

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304738278	Hanging Rock 11-23-24-36		SESW	36	11S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16226	7/10/2007		7/23/07		
Comments: <u>MVRD</u> CONFIDENTIAL							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Alvin R. (Al) Arlian

Name (Please Print)

Signature

Landman-Regulatory

Title

7/11/2007

Date

JUL 11 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1500 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 463' FSL - 2075 FWL S.L.B. & M.		8. WELL NAME and NUMBER: Hanging Rock 11-23-24-36
PHONE NUMBER: (303) 350-5114		9. API NUMBER: 4304738278
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 11S 23E S		10. FIELD AND POOL, OR WILDCAT: Oil Springs
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 7/16/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Conductor and Surface Pipe Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

7-10-2007 MI PETE MARTIN RATHOLE SERVICE AND DRILL 40 FT OF 20" HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT IN PLACE WITH 3 YARDS OF READYMIX CEMENT.

7-12-2007 AND 7-14-2007 MIRU BILL JRS. AND DRILL 12 1/4" HOLE TO 1,340'.
SMALL AMOUNT OF FRESH WATER AT 690'.
POOH LAYING DOWN DRILL PIPE.
RIH 1 JNT CSG, FLOAT COLLAR, 30 JNTS CSG, J55, 8-5/8", 32# CSG TO 1,315'
RU BIG 4 CEMENTERS & CEMENT ... (LEAD) 135 SX CEMENT, (TAIL) 270 SX CEMENT,
(TOP) 110 SX CEMENT MIX.

Stage: 1, Lead, 0, 135, 16% GEL, 1/4# FLOWCELE, Class G, 3.85, 11.1
Stage: 1, Tail, 0, 270, 2% CACL2, 1/4 FLOWCELE, Class G, 1.15, 15.8
Stage: 1, Top, 0, 110, 2% CACL@, 1/4# FLOWCELE, Class G, 1.15, 15.8

WORT

NAME (PLEASE PRINT) <u>Alvin R. (Al) Arlian</u>	TITLE <u>Landman - Regulatory Specialist</u>
SIGNATURE 	DATE <u>7/16/2007</u>

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RECEIVED
JUL 18 2007

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC

Today's Date: 11/27/2007

Well:	API Number:	Drilling Commenced:
Bonanza 9-24-42-27 drlg rpts/wcr	4304735923	02/05/2005
Hanging Rock 11-23-13-36 drlg rpts/wcr	4304738283	06/01/2007
Archy Bench 11-22-13-2 drlg rpts/wcr	4304736785	06/15/2007
Buck Camp U 12-22-23-5 drlg rpts/wcr	4304739204	07/03/2007
Hanging Rock 11-23-24-36 drlg rpts/wcr	4304738278	07/09/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-50085

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

8. WELL NAME and NUMBER:

Hanging Rock 11-23-24-36

2. NAME OF OPERATOR:

Enduring Resources, LLC

9. API NUMBER:

4304738278

3. ADDRESS OF OPERATOR:

475 17th Street, Ste 1500

CITY

Denver

STATE

Co

ZIP

80202

PHONE NUMBER:

(303) 350-5114

10. FIELD AND POOL, OR WILDCAT:

Oil Springs

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 463' FSL - 2075 FWL S.L.B.& M.

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 11S 23E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

12/5/2007



SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: Well Update.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Production Casing has been run and cemented on this well.

Have been waiting for pipeline and gas market to complete well.

Well is on the 1st Quarter-2008 completion schedule.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

TITLE Landman - Regulatory Specialist

SIGNATURE

DATE

12/5/2007

(This space for State use only)

RECEIVED

DEC 10 2007

DIV. OF OIL, GAS & MINING

NOTICE

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 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
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Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Enduring Resources, LLC

Today's Date: 02/14/2008

Well:

API Number:

Drilling Commenced:

See Attachment

43 047 38278
Hanging Rock 11-23-24-36
11S 23E 36

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

Well:		API Number:	Commenced:
Bonanza 9-24-42-27	drlg rpts/wcr	4304735923	02/05/2005
Bonanza 9-25-13-20	drlg rpts/wcr	4304735929	08/06/2005
Southman Cyn 10-24-13-30	drlg rpts/wcr	4304736238	12/30/2006
Rock House 11-23-42-2	drlg rpts/wcr	4304737865	01/25/2007
Rock House 11-23-41-2	drlg rpts/wcr	4304738033	01/25/2007
Bonanza 9-24-11-7	drlg rpts/wcr	4304736017	01/30/2007
Rainbow 11-24-21-20	drlg rpts/wcr	4304737567	02/07/2007
Rock House 11-23-21-2	drlg rpts/wcr	4304738032	05/02/2007
Rock House 11-23-22-2	drlg rpts/wcr	4304737867	05/02/2007
Hanging Rock 11-23-43-36	drlg rpts/wcr	4304738282	05/03/2007
Hanging Rock 11-23-13-36	drlg rpts/wcr	4304738283	06/01/2007
Buck Camp U 12-22-23-5	drlg rpts/wcr	4304739204	07/03/2007
Hanging Rock 11-23-24-36	drlg rpts/wcr	4304738278	07/09/2007
Hanging Rock 11-23-14-36	drlg rpts/wcr	4304738276	08/30/2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
2. NAME OF OPERATOR: Enduring Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1500 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: (303) 350-5114		8. WELL NAME and NUMBER: Hanging Rock 11-23-24-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 463' FSL - 2075 FWL S.L.B.& M.		9. API NUMBER: 4304738278
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 11S 23E S		10. FIELD AND POOL, OR WILDCAT: Oil Springs
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 3/5/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Notice of first gas sales.

First gas sales February 29, 2008.

Completion Report to Follow.

NAME (PLEASE PRINT) Alvin R. (Al) Arlian	TITLE Landman - Regulatory Specialist
SIGNATURE 	DATE 3/5/2008

(This space for State use only)

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>		
b. TYPE OF WORK:		NEW WELL <input checked="" type="checkbox"/>	HORIZ. LATS. <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	RE-ENTRY <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>
2. NAME OF OPERATOR: Enduring Resources, LLC						5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085	
3. ADDRESS OF OPERATOR: 475 17th St, Suite 1500 CITY Denver STATE CO ZIP 80202						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 463' FSL - 2075' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: same as above AT TOTAL DEPTH: same as above						7. UNIT or CA AGREEMENT NAME N/A	
PHONE NUMBER: (303) 573-1222						8. WELL NAME and NUMBER: Hanging Rock 11-23-24-36	
10 FIELD AND POOL, OR WILDCAT Oil Springs						9. API NUMBER: 4304738278	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 36 11S 23E S						12. COUNTY Uintah	
						13. STATE UTAH	

14. DATE SPURRED: 8/5/2007	15. DATE T.D. REACHED: 8/7/2007	16. DATE COMPLETED: 2/29/2008	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5826 RKB
18. TOTAL DEPTH: MD 4,255 TVD	19. PLUG BACK T.D.: MD 4,189 TVD	20. IF MULTIPLE COMPLETIONS, HOW MANY? * 3	21. DEPTH BRIDGE MD PLUG SET: TVD		
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) Previously submitted. DIG. GR. LOG			23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)		

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14"	line pipe	0	42		3 yards		0 (CIR)	0
12-1/4"	8 5/8 J55	32#	16	1,350		CI G 515	170	16 (CIR)	0
7-7/8"	4 1/2 M80	11.60#	16	4,233		CI G 650	203	348 (CBL)	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3,129	2,924						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	2,855	3,160			2,855 3,160	.38"	108	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
2855 - 3160	Placed 233,709 lbs 30/50 Ottawa proppant in Wasatch formation

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
☐ GEOLOGIC REPORT
☐ CORE ANALYSIS
☐ DST REPORT
☐ OTHER: _____
☐ DIRECTIONAL SURVEY

30. WELL STATUS:

Producing

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 2/29/2008		TEST DATE: 3/24/2008		HOURS TESTED: 552		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 502	WATER – BBL: 0	PROD. METHOD: 23 day avg
CHOKE SIZE: 28/64	TBG. PRESS. 360	CSG. PRESS. 1,100	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 903	WATER – BBL: 0	INTERVAL STATUS: Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Wasatch Mesaverde	169 2.519 3.919

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kevin Lee

TITLE Engineering Tech

SIGNATURE

DATE 3/26/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

**Enduring Resources, LLC**

475 17th St. - Suite 1500
Denver, CO 80202
(303) 573-1222

Drilling Chronological
Regulatory

Well Name: HANGING ROCK 11-23-24-36									
Field Name:	Utah Wildcat	S/T/R:	36/11S/23E	County, State:	UINTAH, UT				
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern				
Project AFE:	DV00631S1	AFEs Associated:	/ / /						
Daily Summary									
Activity Date :	7/11/2007	Days From Spud :	0	Current Depth :	40 Ft	24 Hr. Footage Made :	40 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	2.00	24	SDFN			0	0	NIH	
8:00	5.00	02	MI PETE MARTIN AND DRILL 20" HOLE TO 40 FT. RUN 40 FT 14" CONDUCTOR AND CEMENT WITH 3 YARDS OF READYMIX.			0	40	NIH	
13:00	17.00	24	SDFN			40	40	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/12/2007	Days From Spud :	0	Current Depth :	840 Ft	24 Hr. Footage Made :	800 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	3.00	24	SDFN			40	40	NIH	
9:00	3.00	20	INSTALL PIT LINER			40	40	NIH	
12:00	18.00	02	MI BILL JRS AND START DRILLING 12 1/4" SURFACE HOLE. DRILL TO 840 FT.			40	840	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/13/2007	Days From Spud :	0	Current Depth :	1340 Ft	24 Hr. Footage Made :	500 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	24.00	02	drill 12 1/4" hole to 1340 ft. Small amount of fresh water at 690 ft.			840	1340	NIH	
Total:	24.00								
Daily Summary									
Activity Date :	7/14/2007	Days From Spud :	0	Current Depth :	1340 Ft	24 Hr. Footage Made :	0 Ft		
Rig Company :				Rig Name:					
Formation :				Weather:					
Operations									
Start	Hrs	Code	Remarks			Start Depth	End Depth	Run	
6:00	6.00	12	RUN 30 JTS OF 8 5/8" 32# J55 SURFACE CASING TO 1315 FT. BIG 4 CEMENTED WITH 135 SX LEAD, 270 SX TAIL AND 110 SX OF TOP CEMENT.			1340	1340	NIH	
12:00	18.00	24	SDFN			1340	1340	NIH	
Total:	24.00								

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3/26/2008

Well Name: HANGING ROCK 11-23-24-36															
Field Name:		Utah Wildcat		S/T/R:		36/11S/23E		County, State:		UINTAH, UT					
Operator:		Enduring Resources, LLC		Location Desc:				District:		Northern					

Daily Summary															
Activity Date :		8/3/2007		Days From Spud :		0		Current Depth :		1340 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :								Rig Name:							
Formation :								Weather:							

Operations														
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run		
6:00	12:00	01	MOVE RIG TO NEW LOC. SET SUB, 70% MOVED TO LOC.							1340	1340	NIH		
18:00	12:00	01	WAIT ON DAYLIGHT							1340	1340	NIH		
Total:		24.00												

Daily Summary															
Activity Date :		8/4/2007		Days From Spud :		0		Current Depth :		1340 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :				Ensign				Rig Name:				Ensign 79			
Formation :				Surface				Weather:							

Operations														
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run		
6:00	14:00	01	Move in remainder of Rig. Set in same. Re-string blocks with new drilling line. Raised derrick.							1340	1340	NIH		
20:00	10:00	01	Rig up Ensign 79.							1340	1340	NIH		
Total:		24.00												

Daily Summary															
Activity Date :		8/5/2007		Days From Spud :		0		Current Depth :		1340 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :				Ensign				Rig Name:				Ensign 79			
Formation :				Surface				Weather:							

Operations																			
Start	Hrs	Code	Remarks							Start Depth	End Depth	Run							
6:00	2:00	01	R/U Ensign 79							1340	1340	NIH							
8:00	10:00	15	Safety meeting with B&C Quick Test. Start testing. Wellhead leaking. P/U stack, change out o-ring, N/U stack. Test Pipe Rams, Blind rams, choke manifold, & all valves to 250 psi Low / 3,000 psi High. Test Annular to 250 psi Low / 1,500 psi High. Test 8-5/8" surface casing to 1,500 psi. Test Kelly, kelly hose, standpipe, & 4" lines to pumps to 1,000 psi. (Replaced valve on choke manifold) R/D B&C Quick Test.							1340	1340	NIH							
18:00	3:00	01								R/U Rotating head & Flowline.							1340	1340	NIH
21:00	7:00	21								Safety meeting with Caliber & all personnel. R/U P/U machine. P/U B.H.A. #1. Tag cement @ 1,246'. R/D P/U machine.							1340	1340	1
4:00	2:00	21	Install turn buckles, rotating rubber, & drive bushing.							1340	1340	1							
Total:		24.00																	

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
1340	6:00	8.40	8.40	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	8.65	0.00	0.00	0.00	900	80	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	0		Reserve Pit Water.									

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Well Name: HANGING ROCK 11-23-24-36																
Field Name:		Utah Wildcat			S/T/R:		36/11S/23E			County, State:		UINTAH, UT				
Operator:		Enduring Resources, LLC			Location Desc:					District:		Northern				

Daily Summary																
Activity Date :		8/6/2007		Days From Spud :		1		Current Depth :		2337 Ft		24 Hr. Footage Made :		997 Ft		
Rig Company :		Ensign					Rig Name:		Ensign 79							
Formation :		Green River					Weather:									

Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	2.50	21	Drill cement & float equipment F/ 1,246' to 1,331' K.B., Wash fill to 1,356' K.B.										1340	1340	1	
8:30	0.50	02	Drill F/ 1,356' to 1,361'.										1340	1361	1	
9:00	0.50	05	Circulate hole clean.										1361	1361	1	
9:30	0.50	21	Perform F.I.T. to 10.5 ppg EMW. (8.4 ppg water + 145 psi) Pressure fell to 0 psi in 30 seconds.										1361	1361	1	
10:00	1.00	02	Drill F/ 1,361' to 1,404'.										1361	1404	1	
11:00	1.00	10	Circulate & Deviation Survey @ 1,373' = .62 degrees										1404	1404	1	
12:00	2.00	02	Drill F/ 1,404' to 1,466'. WOB 8-10K, RPM 50, MTR. 57										1404	1466	1	
14:00	0.50	07	Rig Service										1466	1466	1	
14:30	7.00	02	Drill F/ 1,466' to 1,870'. WOB 10-15K, RPM 50-55, MTR. 57										1466	1870	1	
21:30	0.50	10	Circulate & Deviation Survey @ 1,790' = .69 degrees										1870	1870	1	
22:00	8.00	02	Drill F/ 1,870' to 2,337'. WOB 12-15K, RPM 50-55, MTR. 57										1870	2337	1	
Total:		24.00														

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
2337	6:00	8.40	8.40	27	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.70	0.00	0.00	0.00	800	600	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	0.0	78		Reserve Pit Water.											

Daily Summary																
Activity Date :		8/7/2007		Days From Spud :		2		Current Depth :		3626 Ft		24 Hr. Footage Made :		1289 Ft		
Rig Company :		Ensign					Rig Name:		Ensign 79							
Formation :		Wasatch					Weather:									

Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	0.50	02	Drill F/ 2,337' to 2,413'.										2337	2413	1	
6:30	0.50	10	Circulate & Deviation Survey @ 2,335' = 1.17 degrees										2413	2413	1	
7:00	4.00	02	Drill F/ 2,413' to 2,661'. WOB 12-15K, RPM 52, MTR. 57										2413	2661	1	
11:00	0.50	07	Rig Service										2661	2661	1	
11:30	18.50	02	Drill F/ 2,661' to 3,626'. WOB 12-15K, RPM 50-65, MTR. 57										2661	3626	1	
Total:		24.00														

Mud Properties																
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand	
3626	6:00	9.10	9.10	33	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.2%	
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss		
0.0	9.36	0.00	0.00	0.00	750	520	0	0.00	0.00	0	0	0.00		0		
Water Loss	LCM	ECD	FL Temp	UFT	Remarks											
0	0.0	0.0	78		S.I. MUD TANKS @ 2,600'.											

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DIV. OF OIL, GAS & MINING

Well Name: HANGING ROCK 11-23-24-36															
Field Name:		Utah Wildcat		S/T/R:		36/11S/23E		County, State:		UINTAH, UT					
Operator:		Enduring Resources, LLC		Location Desc:				District:		Northern					

Daily Summary															
Activity Date :		8/8/2007		Days From Spud :		3		Current Depth :		4255 Ft		24 Hr. Footage Made :		629 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :		Mesaverde				Weather:									

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	9.50	02	Drill F/ 3,626' to 4,061'. WOB 15-20K, RPM 45-50, MTR. 57										3626	4061	1
15:30	0.50	07	Rig Service										4061	4061	1
16:00	2.50	02	Drill F/ 4,061' to 4,255'. WOB 15-20K, RPM 50, MTR. 57. T.D. 7-7/8" hole @ 4,255' @ 18:30 hours 08-07-2007.										4061	4255	1
18:30	4.50	05	Mix sweep. Circulate sweep around. Continue circulating & condition mud.										4255	4255	1
23:00	7.00	06	Slug Pipe. P.O.O.H. (Strap Out). Hook load sensor quit working. While coming down with blocks, Crown-O-Matic tripped throwing slack in line on drum. Chained up blocks & straighten line. Continue P.O.O.H.										4255	4255	1
Total:		24.00													

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4255	6:00	9.20	9.20	46	18	15	7/18/26	9.0	0.0	1	0.00	9.0%	91.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	10.30	0.25	0.05	0.20	950	300	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	91											

Daily Summary															
Activity Date :		8/9/2007		Days From Spud :		4		Current Depth :		4255 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :		Mesaverde				Weather:									

Operations															
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run
6:00	0.50	06	Complete Trip out of hole. L/D reamers & Bit #1.										4255	4255	1
6:30	4.50	11	Safety meeting with Phoenix Surveys Inc. & R/U same. Ran Triple Combo Log. (Log T.D. 4,235') R/D Phoenix Survey Inc. loggers.										4255	4255	NIH
11:00	6.00	06	M/U Bit #2. Trip in hole. Break circulation @ 1,330'. Circulate bottoms up @ 3,000'. Continue Trip in hole. Tag fill @ 4,235'										4255	4255	2
17:00	0.50	03	Wash & Ream F/ 4,235' to 4,255'.										4255	4255	2
17:30	3.00	05	Circulate & Pump Sweep Around @ 4,255'										4255	4255	2
20:30	0.50	10	Deviation Survey @ 4,188' = 1.79 degrees										4255	4255	2
21:00	6.50	21	Safety meeting with Caliber & R/U L/D machine. L/D 4-1/2" D.P. & B.H.A.										4255	4255	2
3:30	2.50	12	Safety meeting with Caliber & all personnel. R/U 4-1/2" casing tools.										4255	4255	NIH
Total:		24.00													

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4255	6:00	9.30	9.30	45	13	11	6/18/24	10.0	0.0	1	0.00	9.0%	91.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.16	0.25	0.05	0.10	1150	480	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	97											

Well Name: HANGING ROCK 11-23-24-36															
Field Name:		Utah Wildcat			S/T/R:		36/11S/23E			County, State:		UINTAH, UT			
Operator:		Enduring Resources, LLC			Location Desc:					District:		Northern			

Daily Summary															
Activity Date :		8/10/2007		Days From Spud :		5		Current Depth :		4255 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :						Weather:									

Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	6.00	12	Make up float equipment & joint #1 of 4-1/2" casing. Run 4-1/2" Csg., Tag bottom @ 4,255'.										4255	4255	NIH	
12:00	1.50	12	L/D tag joint., install 4-1/2" casing hanger. Land hanger. Ran 99 jts. 4-1/2" 11.6# M-80 LT&C casing + 1 marker jt. Total =4,216.63', Set @ 4,232.63'. R/U 2" hoses to Wellhead. R/D caliber P/U machine & 4-1/2" casing tools.										4255	4255	NIH	
13:30	2.00	05	Circulate & R/U Halliburton.										4255	4255	NIH	
15:30	3.00	12	Pressure test lines to 4,000 psi. Pump 10 bbls. Fresh water, 20 bbls. Superflush, 30 bbls. Fresh water. Mix & pump 130 sks. (89 bbls.) Hi-Fill SBM cement w/ 3 lbm Granulite TR 1/4, 50 lb. sk. (@ 11.0 ppg, Yield 3.85). Mix & Pump 520 sks. (113 bbls.) 50/50 Poz. Premium cement w/ 0.6% Halad @ 322L, 5% Salt, 0.125 lbm Poly-E-Flake (@ 14.35 ppg, Yield 1.23). Drop Top Plug. Displace w/ 64.9 bbls. Water w/ clay stabilizer. Bumped Plug @ 2,080 psi., Released pressure. Floats holding. Full Returns entire job. R/D Halliburton.										4255	4255	NIH	
18:30	4.50	21	Break out landing joint & L/D same. Clean mud tanks.										4255	4255	NIH	
23:00	7.00	01	Rig Down Ensign 79.										4255	4255	NIH	
Total:		24.00														

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4255	6:00	9.30	9.30	45	13	11	6/18/24	10.0	0.0	1	0.00	9.0%	91.0%	0.0%	0.2%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	9.16	0.25	0.05	0.10	1150	480	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	97											

Daily Summary															
Activity Date :		8/11/2007		Days From Spud :		6		Current Depth :		4255 Ft		24 Hr. Footage Made :		0 Ft	
Rig Company :		Ensign				Rig Name:		Ensign 79							
Formation :						Weather:									

Operations																
Start	Hrs	Code	Remarks										Start Depth	End Depth	Run	
6:00	24.00	01	R/D Ensign 79. Wait on R.W. Jones trucks to load out Rig.										4255	4255	NIH	
Total:		24.00														

Mud Properties															
Depth	Time	Wt In	Wt Out	Vis	PV	YP	Gels	FL	HTFL	FC	HTFC	Solid	Water	Oil	Sand
4255	6:00	0.00	0.00	0	0	0	0/0/0	0.0	0.0	0	0.00	0.0%	0.0%	0.0%	0.0%
MBT	pH	Pm	Pf	Mf	Cl	Ca	ES	Pom	Lime	Total Sal.	CaCl2	EDTA	O/W Ratio	Mud Loss	
0.0	0.00	0.00	0.00	0.00	0	0	0	0.00	0.00	0	0	0.00		0	
Water Loss		LCM	ECD	FL Temp	UFT	Remarks									
0		0.0	0.0	0											

RECEIVED

MAR 31 2008

DIV. OF OIL, GAS & MINING

Well Name:HANGING ROCK 11-23-24-36					
Field Name:	Utah Wildcat	S/T/R:	36/11S/23E	County,State:	UINTAH, UT
Operator:	Enduring Resources, LLC	Location Desc:		District:	Northern

Formation					
Formation Name	Current Well Top	Subsea Datum	Ref Well Top	Elec Top	Comments

Casing									
DateIn	Setting Depth	Jts Run	Type	Size	Weight	Grade	MINID	HoleDiam	TD
7/13/2007	1350	30	3. Surface	8.625	32	J-55		12.25	1315

Stage: 1, Lead, 0, 135, 16% GEL, 1/4# FLOWCELE, Class G, 3.85, 11.1

Stage: 1, Tail, 0, 270, 2% CACL2, 1/4# FLOWCELE, Class G, 1.15, 15.8

Stage: 1, Top Out, 0, 110, 2% CACL2, 1/4# FLOWCELE, Class G, 1.15, 15.8

8/9/2007	4232.63	100	5. Production	4.5	11.6	M-80	0	7.875	4255
----------	---------	-----	---------------	-----	------	------	---	-------	------

Stage: 1, Lead, 0, 130, , HIFILL, 3.85, 11

Stage: 1, Tail, 0, 520, PREMIUM, Pozmix, 1.23, 14.35

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		8. WELL NAME and NUMBER: HANGING ROCK 11-23-24-36
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext	9. API NUMBER: 43047382780000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0463 FSL 2075 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 11.0S Range: 23.0E Meridian: S		9. FIELD and POOL or WILDCAT: OIL SPRINGS
		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/18/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached Proposed Plugging Procedure.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: May 08, 2012

By: D. K. Duff

NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory
SIGNATURE N/A		DATE 3/28/2012



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382780000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they remain at the depth specified by the proposal.**
- 3. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 4. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 5. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 6. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

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- 6. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

5/8/2012

Wellbore Diagram

r263

API Well No: 43-047-38278-00-00 Permit No:

Well Name/No: HANGING ROCK 11-23-24-36

Company Name: ENDURING RESOURCES, LLC

Location: Sec: 36 T: 11S R: 23E Spot: SESW

Coordinates: X: 646054 Y: 4408167

Field Name: OIL SPRINGS

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	42	20		
COND	42	14		
HOL2	1350	12.25		
SURF	1350	8.625	32	1350
HOL3	4233	7.875		
PROD	4233	4.5	11.6	4233
T1	3129	2.375		
PKR	2924			

Capacity
(t/cf)

11.459

Cement from 42 ft. to surface

Conductor: 14 in. @ 42 ft.

Hole: 20 in. @ 42 ft.

Plug # 3

$$60' / (1.15) (11.459) = 55x$$

$$Annulus \rightarrow 58' / (1.15) (4.315) = 105x$$

Cement from 1350 ft. to 16 ft.

Surface: 8.625 in. @ 1350 ft.

Hole: 12.25 in. @ 1350 ft.

Plug # 2

$$(155x) (1.15) (11.459) = 200' \checkmark \text{OK}$$

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	42	0	UK	0
PROD	4233	348	G	650
SURF	1350	16	G	515

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2855	3160			

Cement from 4233 ft. to 348 ft.

Packer: @ 2924 ft.

Tubing: 2.375 in. @ 3129 ft.

Plug # 1

$$\text{Below } (255x) (1.15) (11.459) = 329' \checkmark$$

$$\text{Above } (105x) (1.15) (11.459) = 131' \checkmark \text{OK}$$

Formation Information

Formation	Depth
GRRV	169
WSTC	2519
MVRD	3919

Production: 4.5 in. @ 4233 ft.

Hole: 7.875 in. @ 4233 ft.

Hole: Unknown

TD: 4255 TVD: 4255 PBTD: 4189

Proposed P&A Procedure for the Hanging Rock 11-23-24-36

Surface Casing: 8 5/8" @ 1,315' TOC to surface
Long String – 4 1/2" 11.6# N80 @ 4,255' TOC at 345' per CBL
Open Perfs: 2,855'-2,871', Packer at 2,925', Perf 2,974'-3,020'
Packer at 3,090', Perfs 3,148'-3,160'

PBTD – 4046'

Tubing: 2 3/8" at 3,129'

Note: Straddle packers run, need information on how to release these packers

Prior to MIRU, blow well down, and check rig anchors
MIRU
POH to check tubing, and lay down packers
RIH with bit to 2,830'
POH
RIH with CICR
Set CICR, pressure test tubing, and establish a rate
Squeeze 25 sacks (321' of cement) under CICR and 10 on top (128')
Roll hole with treated water
Pressure test casing to 500#, if it fails call for orders
POH to 50' below base of surface at 1,365'
Spot 15 sacks of cement across shoe (192')
RDBOP
POH to 60'
Circulate cement to surface
Cut off wellhead
Run into 4 1/2" x 8 5/8" annulus with 1" to 50' and circulate cement to surface.
Weld on a plate
RDMO

All cement is 15.8 ppg with a 1.15 cuft/sx yield



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1610

Mr. John Conley
Enduring Resources, LLC
511 16TH Street STE 700
Denver, CO 80202

43 047 38278
Hanging Rock 11-23-24-36
36 11S 23E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Conley:

As of April 2014, Enduring Resources, LLC (Enduring) has twenty (20) State Lease Wells and six (6) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Four (4) wells in 2013 and seven (7) wells in 2014 were added to Enduring's SI/TA list.

Several of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. The Division has worked with Enduring to reduce the immense amount of wells that were in non-compliance. In 2010 Enduring provided the Division with a list of wells to be plugged (attachment A), and the Division recognizes that Enduring most recently plugged a number of wells in 2012. However in 2013 only two wells were plugged while four (4) additional wells were added, while nothing has been done in 2014 on any of the wells. Enduring never submitted plugging procedures for the remaining wells listed to be plugged and therefore has not followed through with these plans to bring these wells or any other wells into compliance.

Enduring shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

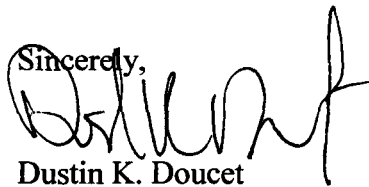
1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA
N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice	Proposed PA
1	AGENCY DRAW 12-21-31-36	43-047-36424	ML 47086	7 years 10 months	1 ST NOTICE	12/31/2014
2	ASPHALT WASH 11-24-42-16	43-047-36875	ML 47080	7 years 11 months	1 ST NOTICE	12/31/2014
3	ARCHY BENCH 11-24-24-32	43-047-36819	ML 49762	7 years 1 month	1 ST NOTICE	12/31/2012
4	SOUTHAM CYN 10-25-11-6	43-047-36933	FEE	7 years	1 ST NOTICE	12/31/2012
5	N HORSESHOE 3-13-6-21	43-047-37391	ML 49317	5 years 6 months	2 ND NOTICE	Extension valid to 9/1/2014
6	BUCK CAMP 12-22-21-2	43-047-37656	ML 47087	6 years 8 months	1 ST NOTICE	12/31/2014
7	DWR 12-23-13-21	43-047-33344	FEE	6 years		12/31/2014
8	DWR 12-23-31-21	43-047-33484	FEE	5 years 4 months	1 ST NOTICE	12/31/2013
9	ARCHY BENCH 12-23-42-16	43-047-36802	ML 48957	6 years 1 month		12/31/2014
10	ARCHY BENCH 11-24-12-32	43-047-36822	ML 49762	5 years 5 months		12/31/2013
11	ROCK HOUSE 10-22-33-36	43-047-37789	ML 49959	5 years 5 months		12/31/2014
12	HANGING ROCK 11-23-24-36	43-047-38278	ML 50085	5 years 3 months		5/18/2012
13	N WALKER HOLLOW 2-32-6-23	43-047-37399	ML 47777	4 years 7 months	1 ST NOTICE	
14	BUCK CAMP 12-22-31-2	43-047-36273	ML-47087	3 years 6 months		
15	SOUTHAM CYN 9-24-13-36	43-047-38910	FEE	3 years 9 months		
16	DWR 12-23-12-28	43-047-33343	FEE	2 years 6 months		
17	BONANZA 9-24-11-16	43-047-35622	ML-46526	2 years 6 months		
18	ROCK HOUSE 10-22-32-36	43-047-36409	ML-47061	2 years 5 months		
19	BUCK CYN 12-21-43-16	43-047-37091	ML-47085	2 years 6 months		
20	BUCK CAMP 11-22-11-36	43-047-36277	ML-47077	2 years 1 month		
21	HANGING ROCK 11-23-42-36	43-047-38280	ML-50085	2 years 2 months		
22	HANGING ROCK 11-23-43-36	43-047-38282	ML-50085	1 years 5 months		
23	ROCK HOUSE 10-22-21-36	43-047-36407	ML-47061	2 years 2 months		
24	ROCK HOUSE 10-23-21-30	43-047-37832	FEE	2 years 3 months		
25	SOUTHMAN CYN 9-23-21-36	43-047-36530	ML-47782	2 years		
26	SOUTHMAN CYN 9-23-33-36	43-047-35363	ML-47782	1 year 9 months		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202		8. WELL NAME and NUMBER: HANGING ROCK 11-23-24-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0463 FSL 2075 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 11.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047382780000
9. FIELD and POOL or WILDCAT: OIL SPRINGS		COUNTY: UINTAH
STATE: UTAH		


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/1/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Plugging proposal attached for approval.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: May 18, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 4/22/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382780000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Note Plug #2: Reports state TOC @348'. The reported amount of cement pumped would support that as well. It is unlikely that casing can be cut and pulled from 1365'. If CBL shows cement is above 1365', then a 200' cement plug (± 15 sx) shall be balanced from 1415' to 1215'. If TOC is below 1365', then proceed as proposed in the procedure.**
- 3. Note Plug #3: Reports state TOC @348'. The reported amount of cement pumped would support that as well. It is unlikely that casing can be cut and pulled from 1365'. If casing is not pulled, a cement plug shall be placed inside the 4 1/2" casing and all annuli shall be cemented from a minimum depth of 100' back to surface.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

Wellbore Diagram

r263

API Well No: 43-047-38278-00-00 Permit No:

Well Name/No: HANGING ROCK 11-23-24-36

Company Name: ENDURING RESOURCES, LLC

Location: Sec: 36 T: 11S R: 23E Spot: SESW

Coordinates: X: 646054 Y: 4408167

Field Name: OIL SPRINGS

County Name: Uintah

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity f/cf
HOL1	42	20			
COND	42	14			
HOL2	1350	12.25			
SURF	1350	8.625	32	1350	2.922
HOL3	4233	7.875			
PROD	4233	4.5	11.6	4233	11.459
T1	3129	2.375			
PKR	2924				
7 7/8" x 4 1/2" (102)					3.3465
7 7/8" OH (102)					2.443

Cement from 42 ft. to surface

Conductor: 14 in. @ 42 ft.

Hole: 20 in. @ 42 ft.

Plug #3

$$100' / (1.15) (2.922) = 30.5x$$

$$Propose 30.5x$$

Cement from 1350 ft. to surface

Surface: 8.625 in. @ 1350 ft.

Hole: 12.25 in. @ 1350 ft.

Cul @ 1365'

1415'

Plug #2

Reported TOC @ 348'

IF CBL Shows TOC below 1365'

proceed as planned

$$Stub 50' / (1.15) (11.459) = 4.5x$$

$$OH 15' / (1.15) (2.443) = 6.5x$$

$$8 7/8" 135' / (1.15) (2.922) = 40.5x$$

$$IF TOC Above 1365' set for 1415' to 1215'$$

$$200' / (1.15) (11.459) = 15.5x$$

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	42	0	UK	0
PROD	4233	348	50	520
PROD	4233	348 CBL	HG	130
SURF	1350	0	G	380
SURF	1350	0	HG	135

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2855	3160			

Plug #1

$$(105x) (1.15) (11.459) = 131'$$

to CE 2675' ✓ on

Cement from 4233 ft. to 348 ft.

Packer: @ 2924 ft.

Tubing: 2.375 in. @ 3129 ft.

Formation Information

Formation	Depth
GRRV	169
WSTC	2519
BMSW	2800
MVRD	3919

Production: 4.5 in. @ 4233 ft.

Hole: 7.875 in. @ 4233 ft.

Hole: Unknown

TD: 4255 TVD: 4255 PBD: 4189

RECOMMENDED PROCEDURE

PLUG AND ABANDONMENT

Operator: Enduring Resources

Well Name: Hanging Rock 11-23-24-36

Legal: SESW 36, T11S, R23E

Location: Uintah County, Utah

API: 43-047-38278

Surface: 8 5/8 32# J-55 Hole size: 12 1/4 TOC: surface

Production: 4 1/2 11.6, M-80 Hole size: 7 7/8 TOC: unknown

Tubing: 2 3/8 4.7#, EOT: 3129' 2 packers, Arrowset 1 @ 2925', Wford PHRP@ 3090

Perforations: 2855-59, 2868-71, 2974-77, 2984-86, 3008-12, 3018-20, 3148-51, 3156-60

PBTD: 4046'

TD: 4255'

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure, if present call for orders.
4. MIRU P&A equipment, ND wellhead, NU BOP
5. Release tubing anchors and TOH and tally tubing
6. PU 4 1/2 casing scraper and TIH to 2815', TOH LD scraper
7. PU 4 1/2 CIBP and TIH and set @ 2805' (50' above top perfs @ 2855')
8. Pump 10 sacks on top of CIBP (10 sacks is 130' inside 4 1/2)
9. TOH 10 joints
10. Roll hole with 40 bbls water with corrosion inhibitor
11. Pressure test casing to 500psi for 15 minutes. If pressure doesn't hold, call for orders.
TOH, Stand back 1415'
12. RU wireline, cut casing @ 1365', 50' below surface shoe RD wireline
13. TOH 4 1/2 casing
14. TIH tubing to 1415' (50' inside casing stub)
15. Pump 50 sacks cement from 1415' to 1215' (100' above surface shoe)
16. TOH WOC
17. TIH and tag TOC @ 1215' TOH
18. ND BOP
19. TIH to 100' Circulate 30 sacks cement to surface TOH
20. RDMO
21. Dig up wellhead and cut off, verify TOC, top off if necessary
22. Weld on information plate. Backfill. Clean up location

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: Enduring Resources, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700 , Denver, CO, 80202		8. WELL NAME and NUMBER: HANGING ROCK 11-23-24-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0463 FSL 2075 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 36 Township: 11.0S Range: 23.0E Meridian: S		9. API NUMBER: 43047382780000
PHONE NUMBER: 303 350-5114 Ext		9. FIELD and POOL or WILDCAT: OIL SPRINGS
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/5/2016	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> DRILLING REPORT Report Date:	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

P&A procedure attached.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: June 30, 2016

By: *Derek Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 6/8/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047382780000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**
- 8. NOTE: THIS AMENDS P&A APPROVAL DATED MAY 18, 2015.**

6/30/2016

Wellbore Diagram

r263

API Well No: 43-047-38278-00-00 Permit No:

Well Name/No: HANGING ROCK 11-23-24-36

Company Name: ENDURING RESOURCES, LLC

Location: Sec: 36 T: 11S R: 23E Spot: SESW

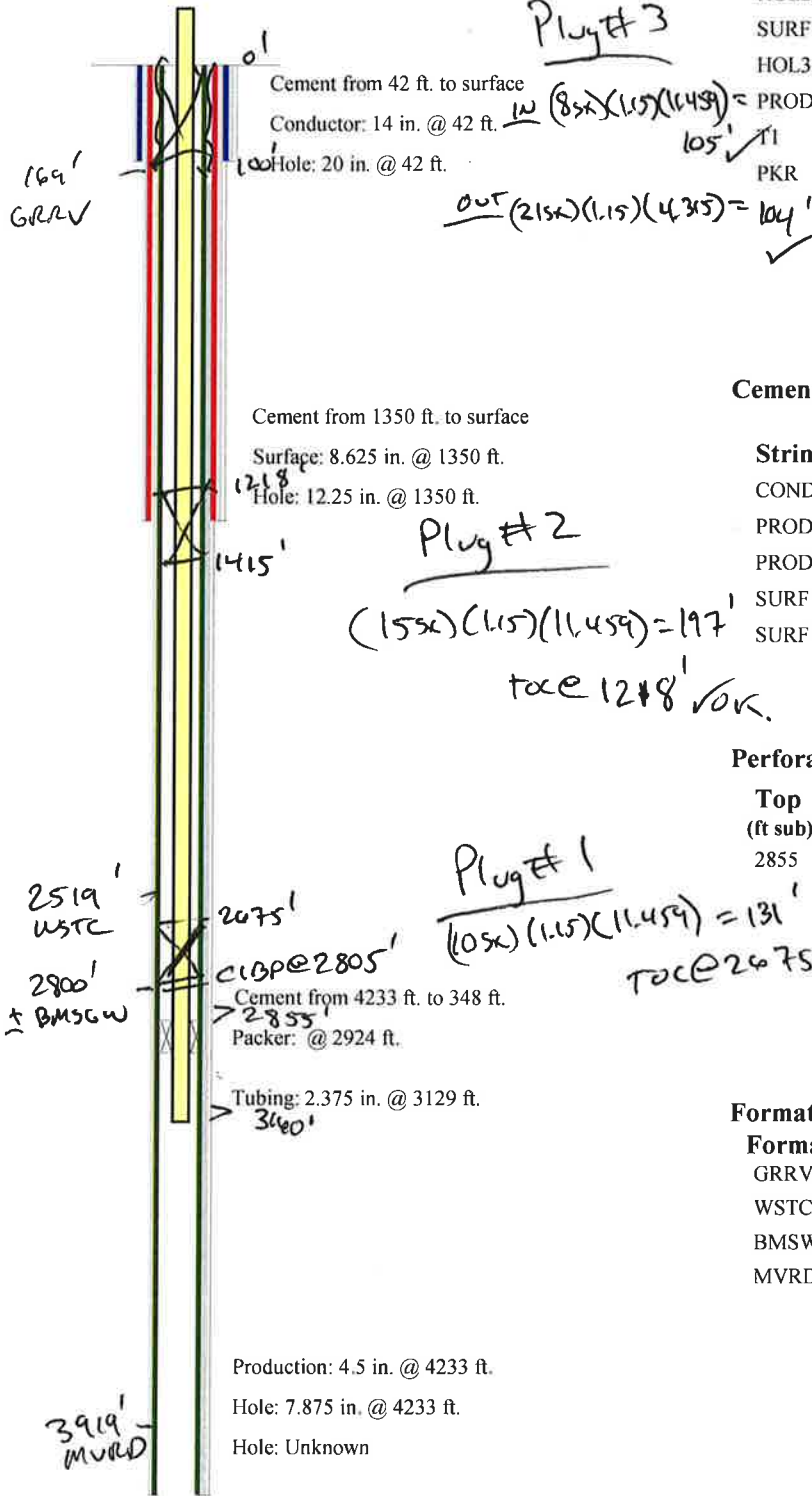
Coordinates: X: 646054 Y: 4408167

Field Name: OIL SPRINGS

County Name: Uintah

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	42	20			
COND	42	14			
HOL2	1350	12.25			
SURF	1350	8.625	32	1350	
HOL3	4233	7.875			
PROD	4233	4.5	11.6	4233	11.459
T1	3129	2.375			
PKR	2924				



Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	42	0	UK	0
PROD	4233	348	50	520
PROD	4233	348	HG	130
SURF	1350	0	G	380
SURF	1350	0	HG	135

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
2855	3160			

Formation Information

Formation	Depth
GRRV	169
WSTC	2519
BMSW	2800
MVRD	3919

TD: 4255 TVD: 4255 PBTD: 4189



Recommended Procedure

Plug and Abandonment

Operator:	Enduring Resources, LLC		
Well name:	Hanging Rock #11-23-24-36		
Legal:	SESW, Section 36, Township 11 South, Range 23 East		
Location:	Uintah County, Utah		
GPS:	39.81095, -109.2937		
API:	43-047-38278		
Surface:	8-5/8" 32# at 1,315'	Hole size: 12-1/4"	TOC: Surface
Production:	4-1/2" 11.6# at 4,233'	Hole size: 7-7/8"	TOC: 345' (CBL)
Tubing:	2-3/8" 4.7# at 3,129' (Arrowset 1 packer at 2,925', Weatherford PHRP packer at 3,090')		
Perforations:	2,855' – 2,871' (Wasatch, above packers); 2,974' – 3,020' (Wasatch, between packers) 3,148' – 3,160' (Wasatch, below packers)		
PBTD:	4,046'		
TD:	4,255'		

Procedure based off of completion reports and well history, this is NOT a final procedure

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well/kill if necessary
3. Dig out around wellhead and check surface annulus for pressure
(If present call Tommy Joyce #817-933-9759 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, NDWH, NUBOP, Load and circulate wellbore clean
5. TOH and tally 2,805' of tubing to derrick, LD remaining tubing and BHA
6. PU 4-1/2" 11.6# casing scraper/bumper sub, TIH to 2,805', TOH, LD BHA
7. PU 4-1/2" 11.6#, 10K, CIBP, TIH and set at 2,805' (50' above topmost Wasatch perfs)
8. Pump 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement on top of CIBP
(10 sxs is 131' in 4-1/2", TOC: 2,674')
9. TOH and LD to 2,500', Reverse circulate tubing clean, Pressure test casing to 500 psi for 5 minutes
(If test fails call Tommy Joyce and Craig Owen for orders)

Note: If casing pressure test fails (step 9) additional steps/services required by the Utah DOGM/BLM are not included in this bid and will be billed per our 2016 Time and Material Price Schedule.

10. Circulate 39 bbl. of water treated with corrosion inhibitor
11. TOH and LD to 1,415' (100' below surface casing shoe), Establish circulation to surface
12. Pump 15 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to cover surface casing shoe
(15 sxs is 197' in 4-1/2", TOC: 1,218')
13. TOH to 1,100', Reverse circulate tubing clean, WOC 4 hours, TIH and tag TOC at 1,265' or higher
14. TOH and LD to 100', Establish circulation to surface
15. Circulate 8 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
16. TOH and LD tubing, Dig out and cut off wellhead 6' below restored ground level
17. TIH 100' in 4-1/2" x 8-5/8" with 1" tubing, Establish circulation to surface
18. Circulate 21 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
19. TOH and LD tubing, RDMO, Top off if necessary
20. Weld on info plate, backfill, clean location, P&A complete

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-50085
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9. FIELD and POOL or WILDCAT: OIL SPRINGS		COUNTY: UINTAH
STATE: UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/10/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Plugging report attached. Well waiting on reclamation and re-seeding planned this fall.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 31, 2016		
NAME (PLEASE PRINT) Travis Whitham	PHONE NUMBER 303 350-5716	TITLE Landman
SIGNATURE N/A	DATE 8/15/2016	

Enduring Resources
Chronological Plugging Report
Hanging Rock 11-23-24-36

8/8/16

JSA,. MIRU Magna #34. RU pump and lines. Pump 30 bbls 9# brine down csg to kill, ND WH. NU BOPE. PU on hanger. Work tbg and could not get enough stretch to set slips. Could not get packers to release. Order out wireline to cut off tbg in AM. SWFN.

8/9/16

JSA. RU Cutters wireline. Pump 15 bbls down tbg. Cut tbg above top packer @2900' on the third attempt. Tools shot up hole and stuck. Tried to pump tools down hole. Wait for Kinley cutter. Cut wireline off with Kinley cutter. Recover all wire except 20'. RD Cutters. TOO H w/tbg and cut off jt. Wireline tools stuck in 89th collar wrapped in 20' of wire. PU bit and scraper and TIH on 88 jts to 2800'. POOH LD bit and scraper. PU 4.5" CIBP and TIH on 88 jts tbg to 2798'. SWIFN. Will circ, test and cement plugs in AM.

8/10/16

JSA, Circ well w/corrosion inhibitor treated water,. Pressure test csg to 500 psi. Good. Spot 10 sks cement on top of CIBP as follows. 1 bbls fresh, 10 sks cement, 1 bbl fresh and 8 bbls displ.Cement from 1411 to 1211'. POOH LD 44 jts tbg. EOT @1411'. Pump 15 sk blanced plug across surface csg shoe as follows. 1 bbl fresh, 15 sks cement, 1 bbl fresh and 2.5 bbls disp. Cement from 1411 to 1211'. POOH LD 40 jts tbg. EOT 120'. Circ cement to surface. POOH LD 4 jts tbg. ND BOPE and floor. RD rig. Dig out and cut off WH. Run 1" pipe to 100' down 8 5/8" csg annulus. Top off w/34 sks cement. Weld on plate and backfill hole., P and A complete. No DOGM witness on this location.